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WHOLESALE CATALOGUE

FOR MARKET GARDENERS, FLORISTS AND FARMERS

SPRING
1922

Stumpp & Walter Co.

30 AND 32 BARCLAY STREET
NEW YORK

Three Fine S. & W. Co.'s Specials

WORLD'S RECORD PEA
(See page 16)
5 lbs. $1.25, 15 lbs. $3.25
Bushel (56 lbs.) $12

JOHN BAER TOMATO
(See page 20)
Oz. 50 cts., ¼lb. $1.75
Lb. $6

COPENHAGEN MARKET CABBAGE
(See page 7)
Oz. 65 cts., ¼lb. $2.25
Lb. $8

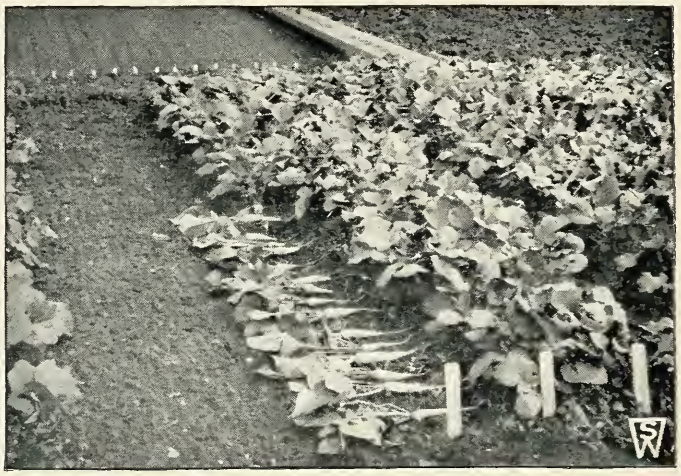
THE TESTING OF SEEDS
To Prove Their Germination and Purity

(1) **Germination Tests.** As shipments of seeds are received from individual growers, several samples are taken, and from these samples a definite number of seeds are counted. The counted seeds are sown carefully in suitable soil.

(2) **Germination Tests.** During the winter months, greenhouses on the Stumpp & Walter testing-grounds contain thousands of seed samples being grown under natural soil conditions.

(3) **Germination Tests.** Sturdy plants resulting from the counted seeds are removed and recorded. Only those seed-stocks that are sturdy, showing a maximum vitality are passed as being suitable for sale.

(4) **Purity Tests.** All through summer, vegetables and flowers from every stock of seed produced for the Stumpp & Walter Co. are grown along to maturity, under exactly the same conditions as when cultivated in their customers' gardens.



(5) **Purity Tests.** A crop pulled and ready for inspection by our experts. Many of our seeds are "proved stocks," that is, they are not released for sale until it has been ascertained definitely that they produce the results intended.

SPECIAL FREE DELIVERY

Delivery.—We deliver by truck, mail, express, or freight, at our option, all Vegetable and Flower Seeds, except Peas, Beans, and Corn. Customer pays transportation on Peas, Beans and Corn, Grass Seeds, Field Seeds, Bulbs, Implements, Fertilizers, Plants and Potatoes.

Terms.—It is always a pleasure to open charge accounts with parties of approved credit, basis of 60 days net, 2 per cent for cash in 10 days; 3 per cent discount allowed for cash with order.

Packing.—We make no charges for cases or packing, only for cotton and burlap bags; these we invoice at cost and make full allowance when returned, prepaid, in good condition.

Remittances should be made by Draft on Bank, Post-Office Order, Registered Letter, or Express Money Order. Small sums may be sent in postage stamps. Particular care is essential in having name, post-office, county and state distinctly written; we are in receipt of many orders deficient in these important particulars.

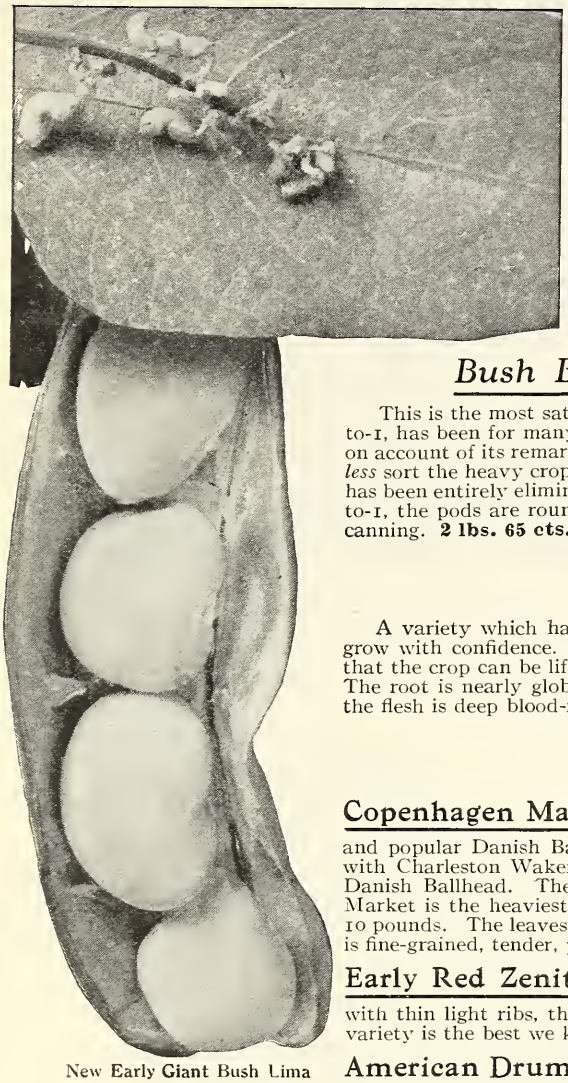
Non-Warranty.—We, Stumpp & Walter Co., give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.

All claims must be made within 5 days after receipt of goods

GEORGE G. STUMPP, *President*
JULIAN H. WALTER, *Treasurer*
WILLIAM A. SPERLING, *Secretary*

STUMPP & WALTER COMPANY
30-32 Barclay Street, New York City

The NEWEST *and* BEST VEGETABLES



New Early Giant Bush Lima

Varieties of Recent Introduction and Special Strains of Types that are Standard

A New Lima Bean: Early Giant Bush

A quick-growing variety. The short period in which this Bean matures enables it to be *grown for succession*, sowings being made from May 15 to July 10 in the neighborhood of New York. Other varieties of Lima Beans take so long to mature that more than one seeding is barely practical with them. The flavor of this variety is particularly refined, and the fine, luscious Beans, which are large, thick, and flat are produced in remarkable quantity. **2 lbs. 70 cts., 15 lbs. $4.25, 60 lbs. (bus.) $16, 100 lbs. $26.**

Bush Bean, New Stringless Refugee (Green-Pod)

This is the most satisfactory all-round Bean we know of. The old standard variety, Refugee, or 1,000-to-1, has been for many years the most generally used for midseason seeding for canning purposes, chiefly on account of its remarkable yielding properties; its shape and size too make it suitable. In this new *stringless* sort the heavy cropping quality has been maintained; the remarkable fine flavor has too, but the *string* has been entirely eliminated, giving us in Stringless Refugee the ideal Bean. It is a trifle earlier than 1,000-to-1, the pods are round, thick, and fleshy, and it is suitable alike for immediate use, for pickling, or for canning. **2 lbs. 65 cts., 15 lbs. $4, 60 lbs. (bus.) $14.50, 100 lbs. $24.**

Beet, Early Wonder

A variety which has gained wide popularity among market-gardeners, and one which everyone may grow with confidence. It may be sown early, and it matures very rapidly. It is so uniform in growth that the crop can be lifted practically at one time, yielding the land early and quickly for the second crop. The root is nearly globular in shape, slightly flattened. The leaves are of medium size, and the color of the flesh is deep blood-red. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

Three Fine Strains of Cabbage

Copenhagen Market. The best of all early Cabbages. Stands longer without bursting than other early sorts. Everyone familiar with the Cabbage knows the old and popular Danish Ballhead, the best of all the late Cabbages. This new extra-early variety, ripening with Charleston Wakefield, also originated in Denmark, and is as good, in its class, as the old favorite Danish Ballhead. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the extra-early varieties, and if left until fully mature, frequently weighs 8 to 10 pounds. The leaves are small, compact and close to the head, so it will stand close planting. The inside is fine-grained, tender, pure white and compact. A leader for the market. **Oz. 65 cts., ¼lb. $2.25, lb. $8.**

Early Red Zenith. We consider this a great improvement on all other types of Red Cabbage. The heads are of medium size and very solid; the leaves are of fine texture with thin light ribs, the outer leaves being few and small. In color, Zenith is particularly dark, and the variety is the best we know for market. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

American Drumhead Savoy. **Re-selected stock.** We offer a particularly fine strain of this Savoy: in producing it the grower has aimed at extreme hardiness, dense crimping, and dark green color. As yet, our stock is too limited to offer in quantity, but it should be of interest to the grower planting a small acreage of Savoy. **Oz. 70 cts., ¼lb. $2.25, lb. $7.50.**

Three Remarkable Carrots

S. & W. Co.'s Exhibition Chantenay. This is a specially refined stock, producing uniformly smooth, handsome, deep orange roots. Although intended primarily for prize-winning, the cooking qualities of Exhibition Chantenay are similarly superior. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

S. & W. Co.'s Exhibition Danvers. A gilt-edge stock that is superior alike for the show-board and the table. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

S. & W. Co.'s Melting Marrow. A specially fine Carrot, cylindrical in shape, practically coreless, and of wonderful butter quality. The skin is smooth, and the fine red color is carried through the entire root. This variety is recommended particularly to the notice of the private gardener for exhibition and to the commercial grower for profit. It is, further, the best Carrot we know for table quality. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

S. & W. Co.'s Exhibition Chantenay Carrots

The Sensation of the Market Gardening World, S. & W. Co.'s Golden Plume Celery

Once in a great while a new type of vegetable is introduced that has such merit as to at once make it a winner with the large commercial grower. Golden Plume is a winner, and it is an acquisition of which we are really proud.

The raiser has taken the green plants which may be found occasionally in the best stocks of Golden Sel -Blanching, and has bred from them a new golden type remarkable for its high quality, wonderful golden color, and disease-resisting properties. Golden Plume is rust- and blight-proof, early, and is larger and a better keeper than the French grown Self-blanching. It is heavy, crisp and tender, shows the large, full plume center and possesses a fine nut-like flavor. **Pkt. 25 cts., ¼oz. $1.50, ½oz. $2.75, oz. $5.**

A prominent Staten Island, N. Y., market-grower lifting Golden Plume Celery

Lettuce, Unrivaled Summer

A white-seeded type of Big Boston that produces fine, large buttery heads, lighter in color than that sort and without the brown edging that appears on the leaf of Big Boston and is characteristic of that variety. It is earlier to mature, yet it retains its head very well: so much so, that we recommend it fo an all-the-year variety. We offer a particularly fine strain. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

Lettuce, Trianon Self-closing Cos.

A large, strictly self-folding type with long, narrow, oval leaves. The oval head is tender and crisp. Trianon is several days earlier than other varieties of Romaine, making it of value to the commercial man. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

Kohlrabi, Early White, Short-leaf Type

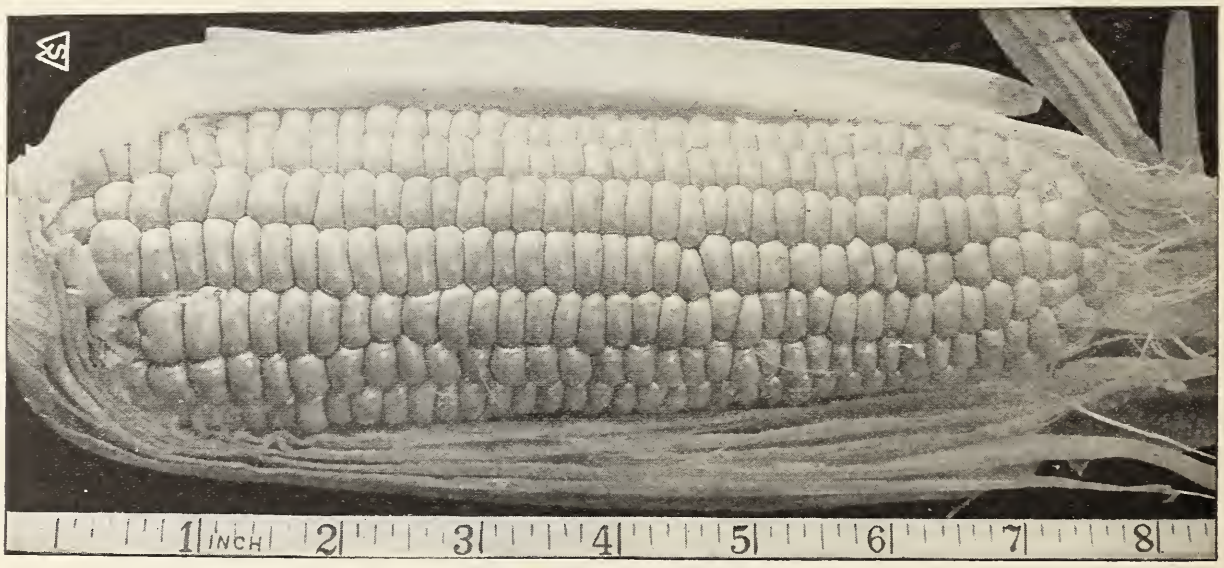
Very quick to mature, the bulb is not over-large and is refined to a degree both in appearance and flavor. Few leaves are produced and these are short and delicate. This unusually fine strain which we offer is suitable, also, for growth under glass. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

New Corn, Early Malcolm

This originated at the Central Experimental Farms of the Canadian Government, being bred from Malakoff, an extremely early Russian variety. It is a Sweet Corn with a wrinkled kernel, matures in 55 days, which is approximately two weeks earlier than Golden Bantam. It is grown on stalks about 3½ feet high and the ears are about 15 inches above ground, averaging 6 inches in length and containing eight to ten straight rows. The variety is high in sugar content and is delicious to the taste. Early Malcolm enables you to have Corn on the table two weeks ahead of your neighbor. **5 lbs. $1.50, 15 lbs. $4.20, 45 lbs. (bus.) $12.30, 100 lbs. $27.**

New Corn, De Lue's Golden Giant

One of the parents of this fine variety is Golden Bantam, but Golden Giant more than retains the sweetness of its ancestor. It is quite as early, averages more ears to the stalk, and the ear has three times the bulk and weight, averaging 8 inches in length. Golden Giant has a 12- to 20-rowed ear against the 8-rowed ear of Bantam. **5 lbs. $1.65, 15 lbs. $4.70, 45 lbs. (bus.) $13.75.**



New Corn, De Lue's Golden Giant

Parsley, Hardy Curled

This is of European origin and is produced for us under most vigorous northern conditions. It is medium-finely curled, very uniform, and of robust, stocky growth. It is of remarkably fine, deep color, and it stands frost better than any type we know: it should be used especially for standing on into winter. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

Three Wonderful Peas

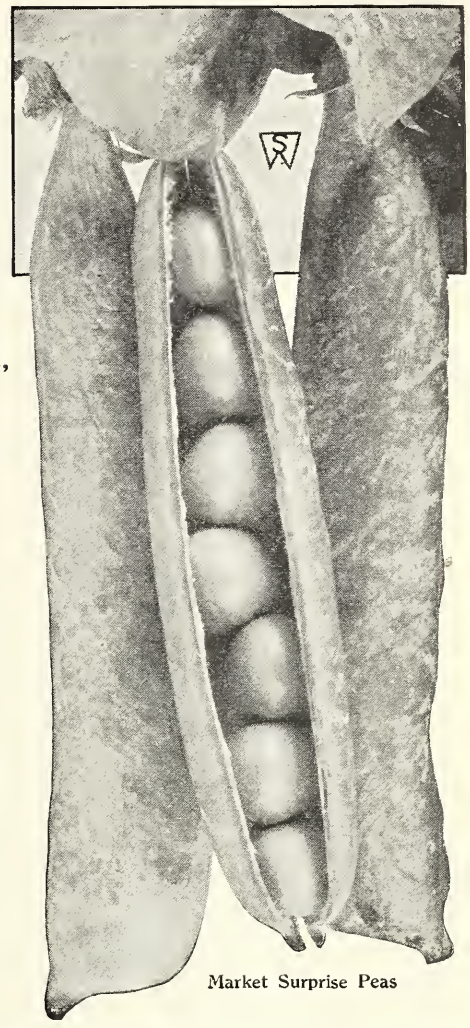
Eight Weeks. A remarkable super-first-early round-seeded Pea, growing 18 inches high. It may be sown on a warm, sheltered border at a time when snow is still present in other parts of the garden; the result will be Peas *weeks* before those obtained from the main seedings with standard varieties. **5 lbs. $1.75, 15 lbs. $4.75, bus. (60 lbs.) $18.25, 100 lbs. $30.**

Market Surprise. On vines 3 feet tall, Market Surprise bears 3½-inch pods in great quantities, within 60 days from date of sowing. It is thus but four days later than the best Extra-Early, while the pods contain on an average two more Peas, and the Peas are larger. **5 lbs. $1.50, 15 lbs. $4.25, bus. (60 lbs.) $16.25, 100 lbs. $26.50.**

World's Record. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; it is earlier, the yield is as high and the quality, if anything, is enhanced. **5 lbs. $1.25, 15 lbs. $3.25, bus. (56 lbs.) $12, 100 lbs. $21.**

Spinach, S. & W. Co.'s Emerald Standing

We offer this Spinach for the first time. It is a very large and vigorous type of compact flat spreading growth. The leaves are large, thick, slightly crumpled, very fleshy and carried on long stems. The color is a very dark green, but the most important point about this Spinach is that it stands fully one month longer than any other variety before bolting to seed. In spite of this, it is quite early to mature, and it is ready for cutting almost as soon as Bloomsdale. **Oz. 15 cts., ¼lb. 35 cts., lb. $1, 10 lbs. $9.**



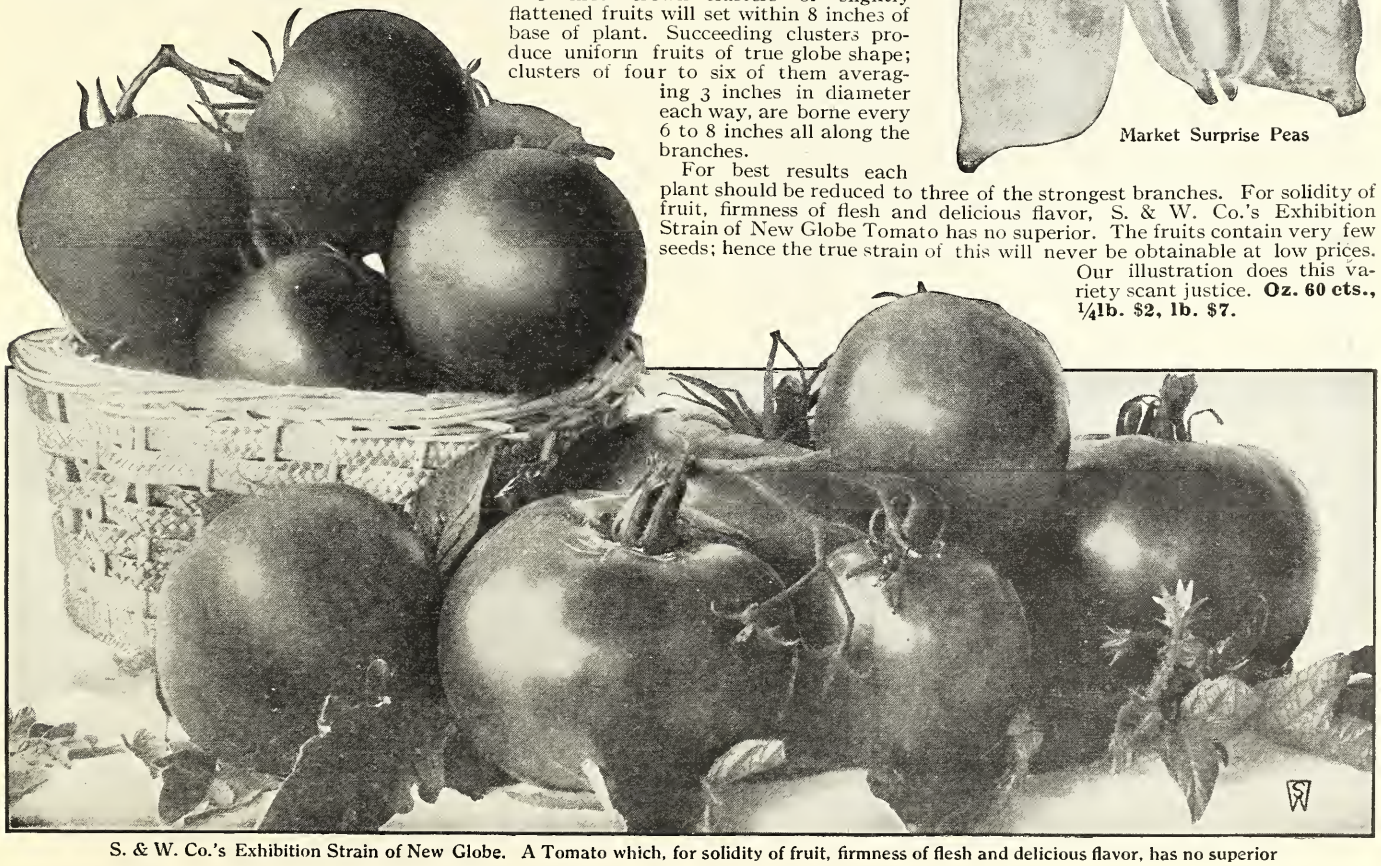
Market Surprise Peas

S. & W. Co.'s Exhibition Strain of New Globe Tomato

Our strain of New Globe is uniformly early. Within 10 days after Earliana, or June Pink, the first of its deep rose-colored fruits become ripe. From then on, until frost kills the last flowers, this strain of Globe bears magnificent crops of fruits.

The plants are extremely prolific, especially if trained to stakes and pruned. The first crown clusters of slightly flattened fruits will set within 8 inches of base of plant. Succeeding clusters produce uniform fruits of true globe shape; clusters of four to six of them averaging 3 inches in diameter each way, are borne every 6 to 8 inches all along the branches.

For best results each plant should be reduced to three of the strongest branches. For solidity of fruit, firmness of flesh and delicious flavor, S. & W. Co.'s Exhibition Strain of New Globe Tomato has no superior. The fruits contain very few seeds; hence the true strain of this will never be obtainable at low prices. Our illustration does this variety scant justice. **Oz. 60 cts., ¼lb. $2, lb. $7.**



S. & W. Co.'s Exhibition Strain of New Globe. A Tomato which, for solidity of fruit, firmness of flesh and delicious flavor, has no superior

STUMPP & WALTER CO.'S
HIGH-GRADE VEGETABLE SEEDS

NOTE. We now offer Beans by weight instead of measure: 2 lbs.=1 qt.; 15 lbs.=1 pk.; 60 lbs.=1 bus.

BEANS

BUSH, DWARF, GREEN-PODDED

HARICOTS Grünschotige Buschbohnen *Fagiuoli*

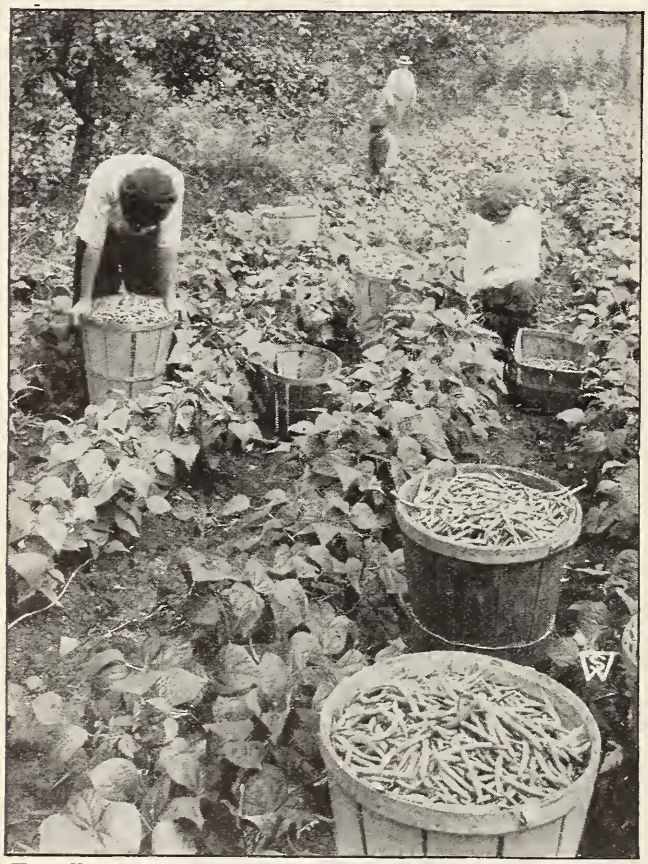
BLACK VALENTINE. Without a doubt the most popular market-gardeners' sort. Very early, perfectly round, without saddle-back; long, round pods, about one-third longer than Red Valentine; an enormous cropper; both for early and late plantings. 2 lbs. 50c., 15 lbs. $3, 60 lbs. (bus.) $11, 100 lbs. $18.

EXTRA-EARLY RED VALENTINE. A decided improvement on Red Valentine. Plants are very hardy, resisting spring frosts better than most varieties, enabling the market-gardener to plant earlier; a quick grower and very good yielder. Pods are long and round. 2 lbs. 45 cts., 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

STRINGLESS GREEN-POD. This Bean remains among the very best first-early round-podded Bush Beans. A very free bearer, entirely stringless, averages 5 inches long, and is slightly curved. A handsome sort, borne on a healthy plant which stands dry weather well. 2 lbs. 45 cts., 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

BOUNTIFUL. To this Bean belongs the distinction of being one of the best **flat, green-podded Bush Beans**; very prolific and a continuous bearer from early spring to late fall. It is absolutely stringless, tender, and of delicious flavor. By far the earliest. 2 lbs. 50c., 15 lbs. $3, 60 lbs. (bus.) $11, 100 lbs. $18.

NEW STRINGLESS REFUGEE. (See Novelties, page 1.) 2 lbs. 65 cts., 15 lbs. $4, 60 lbs. (bus.) $14.50, 100 lbs. $24.



HARDY WAX. A new, stringless, round-podded variety, remarkable for its heavy yielding properties. See above text

REFUGEE, or **1,000-to-1.** The most popular fall-crop sort for the market-gardener. The pods are nearly round, light green, 5 inches long, tapering to a slender point; fleshy, brittle, and mild in flavor, but with slight string. 2 lbs. 45 cts., 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

DWARF HORTICULTURAL. Used largely by market-gardeners on account of its large size. Pods are long, slightly curved, splashed red on a yellowish ground, when allowed fully to mature. Surplus Beans not used during summer make excellent soup or baking Beans for winter. 2 lbs. 45 cts., 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

RUBY HORTICULTURAL. A much-improved form of Dwarf Horticultural and a favorite with the market grower as a Snap Bean. The pods are thicker and more meaty than the type, and they have no string. 2 lbs. 55 cts., 15 lbs. $3.25, 60 lbs. (bus.) $12, 100 lbs. $19.75.

FRENCH HORTICULTURAL. Of very attractive appearance. Long, broad pods, splashed with bright crimson. A favorite Shell Bean. 2 lbs. 55c., 15 lbs. $3.50, 60 lbs. $13, 100 lbs. $21.50.

GIANT STRINGLESS GREEN-POD. Pods and plant similar to Stringless Green-Pod, except that the Beans mature a little later and are a trifle longer. 2 lbs. 45 cts., 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

LOW'S CHAMPION (Boston Cranberry). 2 lbs. 55 cts., 15 lbs. $3.50, 60 lbs. (bus.) $13, 100 lbs. $21.50.

BEANS, DWARF, WAX-PODDED

NEW HARDY WAX. One of the best round-podded stringless Beans ever evolved. The plants are of distinct growth, having thick, leathery leaves, which resist cold, blight, and plant diseases to a remarkable degree. Within 65 to 70 days from date of planting, Hardy Wax bears immense crops of slightly curved, deep yellow pods. 2 lbs. 60 cts., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.

SURE-CROP STRINGLESS WAX. The plant grows to medium size. It is very productive, bearing in great abundance large, handsome, golden yellow pods which are stringless. 2 lbs. 55 cts., 15 lbs. $3.25, 60 lbs. (bus.) $12, 100 lbs. $19.75.

NEW KIDNEY WAX. More robust in growth and more prolific than the popular Wardwell's Kidney Wax, with longer pods, which are more handsome in appearance, entirely stringless, more fleshy, and of much finer quality. Even during wet summers the plant is entirely free from rust and blight. 2 lbs. 60 cts., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.

NEW HODSON WAX. The plant is vigorous, and comes into crop about 2 weeks later than the early sorts. Free from spot or rust. 2 lbs. 55 cts., 15 lbs. $3.25, 60 lbs. (bus.) $12, 100 lbs. $19.75.

BLACK WAX, IMPROVED. (Pencil-Pod). 2 lbs. 45 cts., 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

CURRIE'S RUSTPROOF WAX. 2 lbs. 55 cts., 15 lbs. $3.25, 60 lbs. (bus.) $12, 100 lbs. $19.75.

BRITTLE WAX. Without a doubt the earliest of all Wax Beans; also a great cropper. The bushes are hardy and prolific, while the pods are fleshy and entirely stringless, often measuring 4½ to 6 inches long. 2 lbs. 60c., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.

IMPROVED GOLDEN WAX (Rustless). Very early; flat, golden pods. 2 lbs. 55 cts., 15 lbs. $3.25, 60 lbs. (bus.) $12, 100 lbs. $19.75.

WARDWELL'S KIDNEY WAX. 2 lbs. 55 cts., 15 lbs. $3.50, 60 lbs. (bus.) $13, 100 lbs. $21.50.

FORCING BEANS

MASTERPIECE. 2 lbs. $1.25, 15 lbs. $7.25, 60 lbs. (bus.) $28, 100 lbs. $45.

S. & W. CO.'S WONDER FORCING. 2 lbs. 75 cts., 15 lbs. $4.50, 60 lbs. (bus.) $17, 100 lbs. $28.

BEANS, POLE, GREEN- AND WAX-PODDED

OLD HOMESTEAD (Green Kentucky Wonder). The silvery green pods are entirely stringless, hanging in large clusters from top to bottom of the pole. **2 lbs. 60 cts., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.**

KENTUCKY WONDER WAX. A Pole Bean that is quicker to yield from seeding than most others. The long pods are meaty, brittle, and of good flavor. **2 lbs. 70 cts., 15 lbs. $4.50, 60 lbs. (bus.) $17, 100 lbs. $28.**

GOLDEN CLUSTER. This is certain to be the leading early Wax Pole Bean, as it is remarkably early. **2 lbs. 85 cts., 15 lbs. $5.25, 60 lbs. (bus.) $20, 100 lbs. $33.**

LAZY WIFE. The best late, green-podded, Pole Bean. The pods are of medium dark green, broad, thick, very fleshy and entirely stringless. **2 lbs. 70 cts., 15 lbs. $4.50, 60 lbs. (bus.) $17, 100 lbs. $28.**

SCARLET RUNNER. 2 lbs. 65 cts., 15 lbs. $4, 60 lbs. (bus.) $14.50, 100 lbs. $24.

HORTICULTURAL, or SPECKLED CRANBERRY. 2 lbs. 60 cts., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.

BEANS, LIMA, BUSH

FORDHOOK. A thick, luscious Bean; very early and continuous bearer. The plant is upright in habit and bears its cluster of Beans well off the ground, so that they can easily be gathered. **2 lbs. 70 cts., 15 lbs. $4.25, 60 lbs. (bus.) $16, 100 lbs. $26.**

NEW EARLY GIANT. This is a particularly early sort of sterling merit. The flavor is refined and the fine, luscious Beans, which are large, thick-flat, are produced in remarkable quantity. **2 lbs. 70 cts., 15 lbs. $4.25, 60 lbs. (bus.) $16, 100 lbs. $26.**

NEW IMPROVED. Similar to Burpee's Bush Lima except that the pods are larger in size and are well filled with larger and thicker Beans. **2 lbs. 70 cts., 15 lbs. $4.50, 60 lbs. (bus.) $17, 100 lbs. $28.**

BURPEE'S. The true, large-seeded dwarf Lima. **2 lbs. 70 cts., 15 lbs. $4.25, 60 lbs.(bus.) $16, 100 lbs. $26.**

DREER'S, or KUMMERLE. A small, round-seeded Bean; very late. **2 lbs. 70c., 15 lbs. $4.25, 60 lbs. (bus.) $16, 100 lbs. $26.**

HENDERSON'S. Very early, but producing very small, flat Beans of excellent flavor. **2 lbs. 55 cts., 15 lbs. $3.50, 60 lbs. (bus.) $13, 100 lbs. $21.**

WOOD'S PROLIFIC. 2 lbs. 55 cts., 15 lbs. $3.50, 60 lbs. (bus.) $13, 100 lbs. $21.

BEANS, LIMA, POLE

S. & W. CO.'S GREEN-SEEDED. A very early Bean, very productive and remarkably green, even in the dry state. Pods contain three and sometimes four Beans. **2 lbs. 65 cts., 15 lbs. $4, 60 lbs. (bus.) $15, 100 lbs. $24.50.**

CHALLENGER, or POTATO. A round-seeded, thick-podded Bean. **2 lbs. 60c., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.**

FORD'S MAMMOTH. A gigantic Bean, which fills the measure well. **2 lbs. 60c., 15 lbs. $3.75, 60 lbs. (bus.) $14, 100 lbs. $23.**

EARLY LEVIATHAN. Enormously productive and quick. **2 lbs. 65 cts., 15 lbs. $4, 60 lbs. (bus.) $15, 100 lbs. $24.50.**

BEANS, ENGLISH OR FAVA

BROAD WINDSOR. 2 lbs. 65 cts., 15 lbs. $4.25, 60 lbs. $16.

ANISE

ANIS Anis *Aniso*

Used for flavoring. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.75.**

BALM

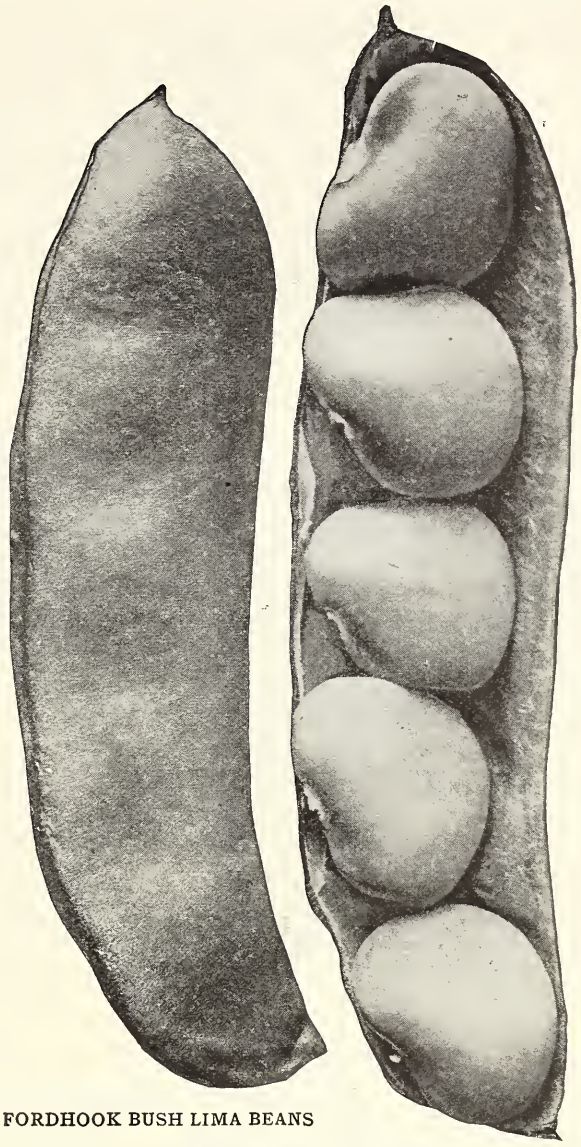
MELISSE CITRONELLE Citronen Melese *Mellisa*

Oz. 40 cts., ¼lb. $1.40, lb. $5.

BASIL

BASILIC GRAND Basilikum *Basilico*

LARGE GREEN. Oz. 20 cts., ¼lb. 50 cts., lb. $1.75.



FORDHOOK BUSH LIMA BEANS

ASPARAGUS

ASPERGE Spargel *Sparagio*

	Oz.	¼lb.	Lb.
EARLY GIANT ARGENTEUIL	$0 20	$0 40	$1 25
COLUMBIAN MAMMOTH WHITE	15	35	1 00
CONOVER'S COLOSSAL	10	25	75

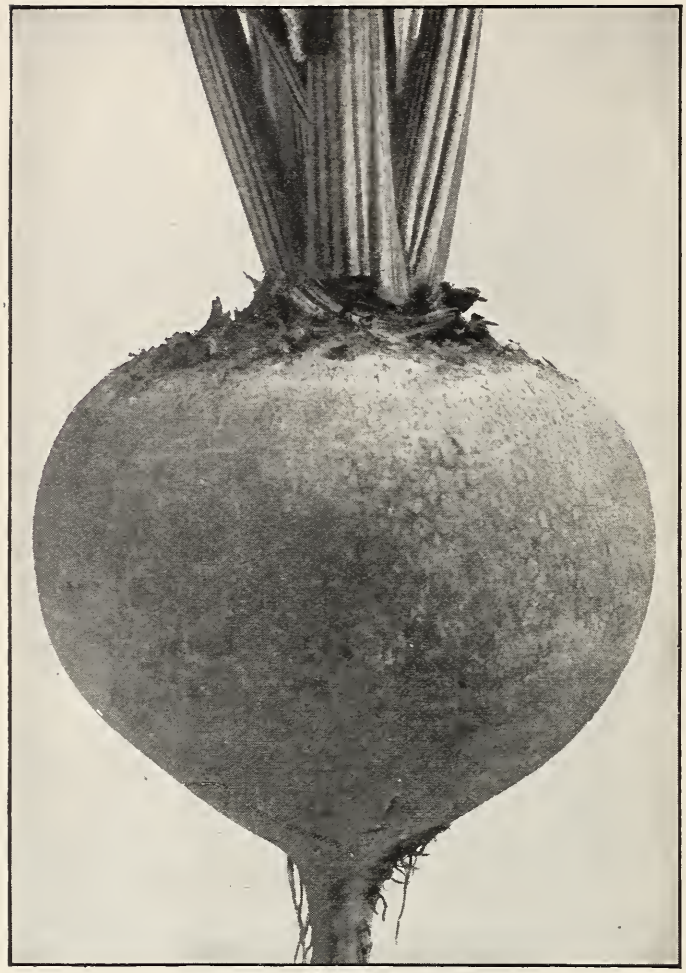
PEDIGREED WASHINGTON. Originally developed by the U. S. Department of Agriculture, further selected and improved. It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, straight, *dark green* in color and with a heavy purple over-tone; the tight, firm tips do not begin to open out until well out of the ground. Pedigreed Washington Asparagus stands ahead of all other varieties as a standard for the home- or market-garden. **Extra choice roots, $5 per 100, $37.50 per 1,000.**

ROOTS. All varieties except Washington.	100	1,000
1-year	$1 00	$7 50
2-year	1 50	12 00
3-year	2 50	20 00
Forcing size	8 50	70 00

BORAGE

BOURRACHE OFFICINALE Borretsch *Boragine*

Oz. 35 cts., ¼lb. $1, lb. $3.50.



DETROIT DARK RED BEET

BEETS

BETTERAVE Salat-Rübe *Barbabietola*

FIVE FINE MARKET-GARDEN VARIETIES

DETROIT DARK RED TURNIP. This Beet is, perhaps, most generally grown by the market-gardener. Root is almost globular, smooth; flesh deep vermilion-red, crisp and sweet. Used extensively for summer and winter use. Bunches splendidly and keeps well stored for winter marketing. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

S. & W. CO.'S WINTER KEEPER. This new Beet is almost globe-shaped, tapering somewhat toward the root. The flesh is dark red, sweet, and tender at all stages of growth, regardless of size. The tops are green—all the color remains in the Beet. Store it in a cellar or pit until spring, and it will cook more tender and sweet than ordinary varieties will when taken from the garden. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

CROSBY'S EGYPTIAN. An excellent first-early variety, resembling the old Egyptian in earliness, but has a thicker, roundish root. The tops are small, yet large enough to bunch easily. Regular strain. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

CROSBY'S ORIGINAL EGYPTIAN. A superior strain of this Beet grown by a specialist. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

EARLY WONDER. Also a type of the Crosby's Egyptian Beet, that has given excellent satisfaction to the market-gardeners around New York. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

OTHER GOOD VARIETIES

ECLIPSE. An extra-early sort. Will produce Beets 60 days from sowing. Of uniform, dark rosy red; flat globe-shaped; easily pulled; flesh dark rosy red, with rose zones. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

EXTRA-EARLY EGYPTIAN. Grows extra quickly, producing flat, smooth, turnip-shaped roots averaging 2 inches in diameter. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

DEWING'S BLOOD TURNIP. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

EDMAND'S BLOOD TURNIP. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

HALF-LONG BLOOD. An entirely distinct variety. The roots are symmetrical, somewhat pear-shaped, smooth, and handsome; flesh a rich dark red, very sweet, never becoming woody. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

LONG DARK BLOOD. (Out of ground). Root from 1 to 1¼ feet long, growing one-third out of the ground; flesh deep red; leaves green, veined with red. Keeps well through the winter. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

MANGEL-WURZEL

MAMMOTH LONG RED. **Oz. 10 cts., ¼lb. 15 cts., lb. 45 cts.**
BARRE'S SLUDSTRUP. **Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.**
CHAMPION YELLOW GLOBE. **Oz. 10c., ¼lb. 20c., lb. 50c.**
GOLDEN TANKARD. **Oz 10 cts., ¼lb. 20 cts., lb. 50 cts.**
HALF-SUGAR ROSE. **Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.**
KLEIN WANZLEBEN. (Sugar Beet.) **Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.**

BROCCOLI

GREEN SPROUTING. **Oz. 40 cts., ½lb. $1.40, lb. $5.**
PURPLE SPROUTING. **Oz. 40 cts., ½lb. $1.30, lb. $4.50.**
PURPLE CAPE. **Oz. 40 cts., ¼lb. $1.40, lb. $5.**

BRUSSELS SPROUTS

CHOU DE BRUXELLES Brüsseler Sprossenkohl
Cavolo a germoglio

IMPROVED DWARF. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**
S. & W. CO.'S FAVORITE. Long Island strain. A sure header. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

BURNET

PIMPERNELLE PETITE Pimpernelle *Pimpinella*

The young, tender leaves are used as a salad; they have a peculiar flavor, much resembling that of a green cucumber. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

CARAWAY

CARVI Feld-Kümmel *Carvi*

Seed used for flavoring bread and cakes, as well as for medicine. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

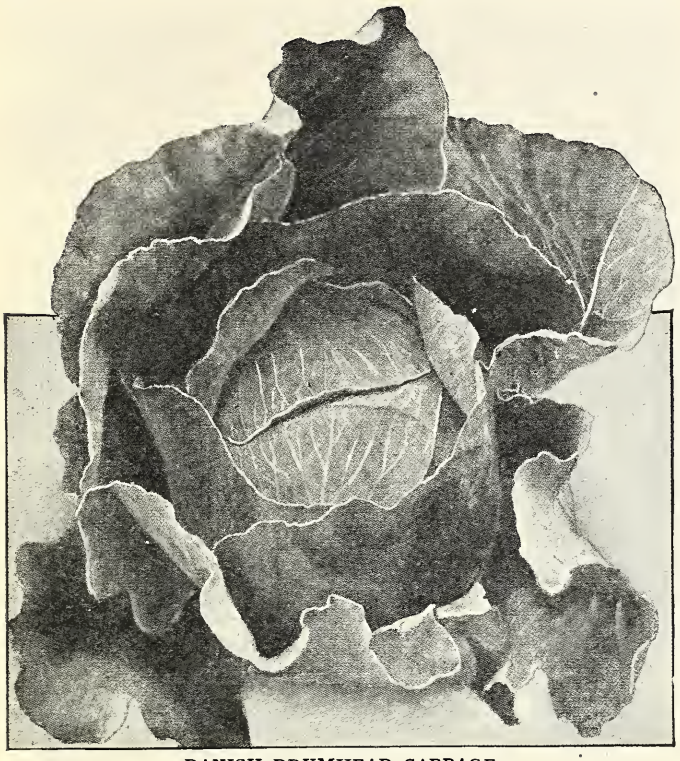
CHICORY

CHICOREE Cichorie *Cicoria*

WITLOOF, or FRENCH ENDIVE. Seed is sown in drills in the open ground in rows 12 to 18 inches apart, thinning out the plants when up about 2 inches above the ground. In the fall, the roots, which resemble parsnips, are lifted, the top foliage cut off, as well as the bottom of the root to within 8 inches of the top. These are placed in sand in a cellar, upright, about 2 inches apart and forced, the growth somewhat resembling Cos lettuce. It is considered a splendid winter salad. **Oz. 20 cts., ¼lb. 65 cts., lb. $2.25.**

LARGE-ROOTED MAGDEBURG. **Oz. 20c., ¼lb. 60c., lb. $2.**

HALF-LONG SILESIAN, or COFFEE. Superior to the Magdeburg; not so long and therefore easier to dig. Most generally used as a coffee substitute. The tops make excellent greens. **Oz. 20 cts., ¼lb. 65 cts., lb. $2.25.**



DANISH DRUMHEAD CABBAGE

CABBAGE Choice Long Island-Grown

CHOU CULTIVE Kohl, Kraut *Cavolo*

EARLY VARIETIES

COPENHAGEN MARKET. The best of all early Cabbages. Stands longer without bursting than other early sorts. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the extra-early varieties, and if left until fully mature, frequently weighs 8 to 10 pounds. The leaves are small, compact and close to the head, so it will stand close planting. The inside is fine-grained, tender, pure white and compact. A leader. **Oz. 65 cts., ¼lb. $2.25, lb. $8.**

IMPROVED EARLY JERSEY WAKEFIELD. **Oz. 40 cts., ¼lb. $1.25, lb. $4.50.**

CHARLESTON, or Large Type Wakefield. **Oz. 40 cts., ¼lb. $1.25, lb. $4.50.**

EARLY SPRING. **Oz. 65 cts., ¼lb. $2.25, lb. $8.**

EARLY FLAT DUTCH. **Oz. 35 cts., ¼lb. $1, lb. $3.50.**

ALL-HEAD EARLY. **Oz. 40 cts., ¼lb. $1.25, lb. $4.**

SECOND-EARLY VARIETIES

EARLY SUMMER. Enormous, solid heads, roundish flat. One of the best midsummer varieties and a good seller. **Oz. 40 cts., ¼lb. $1.35, lb. $4.75.**

SUCCESSION. A popular market-gardeners' variety; matures several days later than Early Summer. Heads are flat and uniform, often weighing 10 to 12 pounds. **Oz. 35 cts., ¼lb. $1, lb. $3.50.**

LATE OR WINTER VARIETIES

DANISH DRUMHEAD. Averages much larger in size than the Ballhead; is about 2 weeks earlier; fine-grained, sweet-flavored, and the best Cabbage for winter use. **Oz. 40 cts., ¼lb. $1.40, lb. $5.**

DANISH BALLHEAD. (Short Stem.) **Oz. 40 cts., ¼lb. $1.30, lb. $4.50.**

DANISH BALLHEAD. (Tall Stem Type.) **Oz. 40 cts., ¼lb. $1.30, lb. $4.50.**

LATE OR WINTER CABBAGE, continued

LARGE LATE DRUMHEAD. Very large, with roundish heads, which are very solid; excellent winter keeper. **Oz. 40 cts., ¼lb. $1.25, lb. $4.**

LARGE LATE FLAT DUTCH. Without exception, one of the best varieties in cultivation for winter use; produces immense heads of the finest quality; splendid keeper. **Oz. 35 cts., ¼lb. $1, lb. $3.50.**

RED CABBAGE

MAMMOTH ROCK RED. This is by far the best, largest, and surest-heading red Cabbage ever introduced. The head is large, round, very solid, and of a deep red. The best Cabbage on the market. **Oz. 40 cts., ¼lb. $1.35, lb. $4.75.**

RED ZENITH. (See Novelties, page 1.) **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

SAVOY CABBAGE

EARLY CONE SAVOY. A conical head type. New. **Oz. 65 cts., ¼lb. $2.25, lb. $8.**

AMERICAN DRUMHEAD SAVOY. None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large, solid, and splendid keepers. **Oz. 40 cts., ¼lb. $1.35, lb. $4.75.**

AMERICAN DRUMHEAD SAVOY. Re-selected Stock. (See Novelties, page 1.) **Oz. 70 cts., ¼lb. $2.25, lb. $7.50.**

EARLY DWARF ULM SAVOY. A very early and superior dwarf variety of fine quality. **Oz. 40 cts., ¼lb. $1.35, lb. $4.75.**

CELERY CABBAGE

CHINESE, or PE-TSAI. **Oz. 25 cts., ¼lb. 85 cts., lb. $2.75.**

CARDOON

CARDON Kardone *Cardo*

LARGE SPANISH. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.25.**

CHERVIL

CERFEUIL Kerbel *Cerfoglio*

DOUBLE, or MOSS CURLED. Chervil is a flavoring green which is used in dressing lettuce, and, while it is but little known, a single introduction will work up a considerable demand. By sowing it in the autumn in hotbeds, it can be cut during the whole winter if the sash is protected during severe weather. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.75.**

IMPROVED EARLY JERSEY WAKEFIELD CABBAGE

CARROT

CAROTTE Gelbrübe *Carota*

EXHIBITION CHANTENAY. (See Novelties, page 1). Oz. 25 cts., ¼lb. 85 cts., lb. $3.

SELECTED CHANTENAY. One of the most popular half-long scarlet Carrots for the market-gardener. Its bright color and fine shape make it bunch uniformly fine and bring good prices. Sells equally well as an early basket sort. For early and main crop it is unexcelled, but we do not recommend it for winter storing. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

EXHIBITION DANVERS. (See Novelties, page 1). Oz. 25 cts., ¼lb. 85 cts., lb. $3.

SELECTED DANVERS. A handsome, cylindrical-shaped, stump-rooted Carrot of good size. It is of a rich, dark orange color, grows to large size, is smooth, and has little core. It is a first-class Carrot for all soils, yields a greater weight to the acre than any other variety, and is more easily harvested than the old long varieties. This selected stock we are now offering has been specially grown for market-gardeners and is sure to give satisfaction. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

EARLY SCARLET HORN. Matures 8 to 10 days earlier than the Long Orange and is sometimes used for forcing. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

EARLY FRENCH FORCING. Makes a small, almost globe-shaped root of an orange-red color. Oz. 15c., ¼lb. 50c., lb. $1.50.

EARLY HALF-LONG SCARLET NANTES. The skin is smooth; flesh red and without any core or heart. It is excellent for forcing. Oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.

SELECTED CHANTENAY CARROTS

S. & W. CO.'S BEST OF ALL CAULIFLOWER

CARROTS, continued

S. & W. CO.'S MELTING MARROW. (See Novelties, page 1). Oz. 25 cts., ¼lb. 85 cts., lb. $3.

EARLY HALF-LONG SCARLET NANTES. Selected. French-grown. Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

S. & W. CO.'S NEW RED INTERMEDIATE. This is certainly the best main-crop Carrot. It is one of the most uniform in shape that we know, and, where the soil is favorable, it will always grow clean and free from side roots. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

SELECTED LONG ORANGE IMPROVED. Grows to a large size, fair specimens averaging 12 inches in length and 3 inches in diameter at the top. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

OXHEART, or GUERANDE. Oz. 10 cts., ¼lb. 25 cts., lb. 85c.

RUBICON. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

ST. VALERY. Oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.

CAULIFLOWER

CHOU-FLEUR Blumenkohl *Cavolofiore*

S. & W. CO.'S BEST OF ALL. Easiest grown, surest header. It is of very dwarf, erect habit, with short, outer leaves. Can be planted less than 2 feet apart each way. It is a sure header, every plant forming a large, solid, perfect head of the finest table quality. Pkt. 25 cts., ¼oz. $1.40 ½oz. $2.75, oz. $5.

SELECTED EARLY SNOWBALL. This comes next to our Best of All. A sure-heading variety of dwarf habit, with short outer leaves, adapted for forcing under glass during winter and spring. Pkt. 20 cts., ¼oz. $1.10, ½oz. $2, oz. $3.50.

EXTRA-EARLY DWARF ERFURT. An extra-early sort, of dwarf habit, and desirable for forcing or planting in the open ground. Pkt. 20 cts., ¼oz. $1, ½oz. $1.75, oz. $3.

DANISH DRY WEATHER. Will stand more drought and heat than any other sort. The heads are very large, snowy white, being protected by large, outer leaves; sure header. Pkt. 20 cts., ¼oz. $1, ½oz. $1.75, oz. $3.

AUTUMN GIANT. Very large, late sort. Pkt. 10 cts., oz. 50 cts.

CATNIP

Used for seasoning; also as a bee-food. Oz. 50 cts.

NEW EASY BLANCHING

CELERY

CELERI Sellerie *Sedano*

New Easy-Blanching (Winter Queen Type)

This type has been grown by one of the most successful market-gardeners, who is shipping the finest Celery, both for medium early and during winter. Seed has been selected over a period of years, and it is the best Celery that we know of in appearance, excellence, and keeping quality, hence the high price in comparison with the prices charged by other houses selling it under the same name. ½oz. $1, oz. $1.75, ¼lb. $6.50, lb. $25.

S. & W. CO.'S GOLDEN PLUME. (See Novelties, page 2.) Pkt. 25 cts., ¼oz. $1.50, ½oz. $2.75, oz. $5.

PARIS GOLDEN SELF-BLANCHING. (Grown by the originator in France.) This Celery somewhat resembles the White Plume variety but is superior, being heavier and of more compact growth. Oz. 75 cts., ¼lb. $2.75, lb. $10.

IMPROVED WHITE PLUME. Our strain of White Plume Celery is the best procurable; for early use does not need to be blanched with the soil. The earliest of all the Celeries. Oz. 30 cts., ¼lb. $1, lb. $3.

PERFECTION HEARTWELL. One of the largest sorts for winter use. The heart is golden yellow. Oz. 30c., ¼lb. $1, lb. $3.

GIANT PASCAL. The stalks are very large, thick, solid and crisp. It has a fine nutty flavor, and is free from any trace of bitterness. It blanches with but slight earthing and retains its freshness a long time. Oz. 40 cts., ¼lb. $1.25, lb. $4.

IMPROVED GOLDEN HEART. A selection from the old favorite Golden Heart Celery. Improved Golden Heart is one of the finest late varieties. Oz. 30 cts., ¼lb. $1, lb. $3.

SOUP, or Cutting. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

CELERIAC (Turnip-Rooted Celery)

CELERI RAVE Knoll-Sellerie *Sedano-rapa*

LARGE SMOOTH PRAGUE. Very large and fine; roots of superior quality. Oz. 25 cts., ¼lb. 85 cts., lb. $3.

CUCUMBER

CONCOMBRE Gürke *Centriulo*

IMPROVED EARLY WHITE SPINE. Slightly pointed at the ends, perfectly smooth and of deep, rich coloring marked with distinct white lines at the blossom end. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

NEW DAVIS PERFECT CUCUMBER. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. The quality is fine. Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

NEW KLONDIKE. A variety similar to White Spine, except that it is somewhat earlier in a great many sections and of a deeper green color. Oz. 15 cts., ¼lb. 35 cts., lb. $1.10.

FORDHOOK. One of the best medium-sized varieties for pickling. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

GREEN PROLIFIC. A staple variety with many of the large market-gardeners; it is short and thick, and used principally for pickling. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

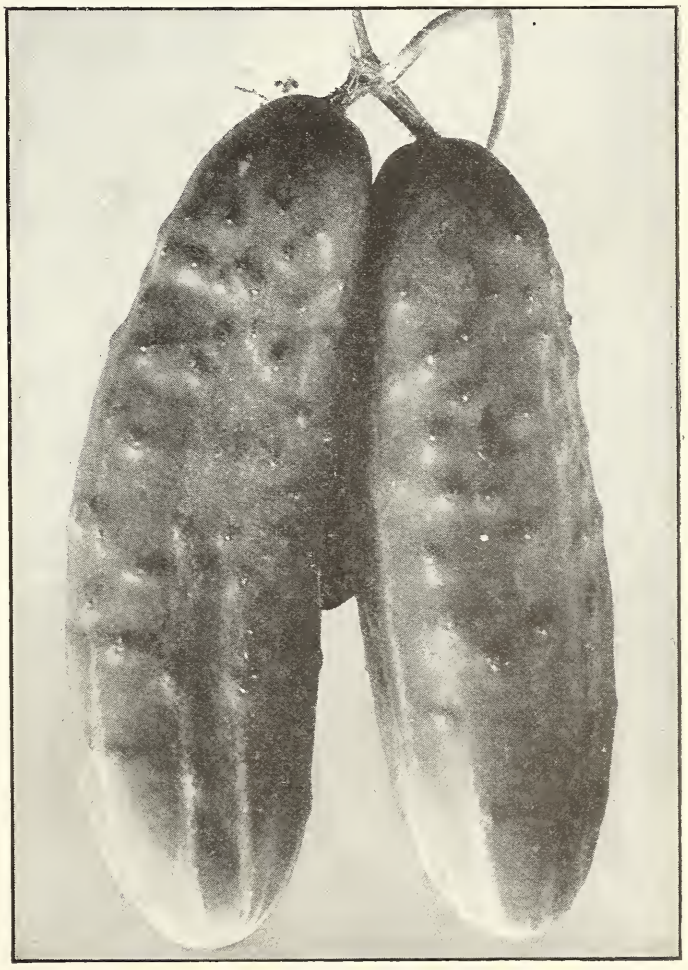
JAPANESE CLIMBING. A climbing sort, usually grown on a trellis; produces large fruits for slicing, salads or pickling. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

EXTRA-LONG GREEN. Produces fruit about 1 foot long. When gathered young is splendid for yellow pickles. Oz. 15 cts., ¼lb. 35 cts., lb. $1.10.

FORCING CUCUMBER

S. & W. CO.'S IMPROVED TELEGRAPH. Pkt. 25c., ¼oz. $2.

FORCING WHITE SPINE. Pkt. 25 cts., ¼oz. 75 cts.



IMPROVED EARLY WHITE SPINE CUCUMBERS

CORN

MAIS Mais *Mais*

EARLY VARIETIES

EARLY MAYFLOWER. The earliest and sweetest Corn to date. 5 lbs. $1, 15 lbs. $2.65, bus. (45 lbs.) $7.75, 100 lbs. $17.

CROSBY'S EXTRA-EARLY. Medium-sized, very early and sweet; dwarf grower. 5 lbs. $1, 15 lbs. $2.65, bus. (45 lbs.) $7.75, 100 lbs. $17.

EARLY CORY, RED-COB. A first-early; ears about 6 inches long, with 8 broad rows of white tender kernels of fine flavor; plants of stocky, dwarf growth. 5 lbs. $1, 15 lbs. $2.65, bus. (45 lbs.) $7.75, 100 lbs. $17.

EARLY EVERGREEN. Like Stowell's in flavor, appearance, and quality, but much earlier. 5 lbs. 90 cts., 15 lbs. $2.50, bus. (45 lbs.) $7.30, 100 lbs. $16.

EARLY MAMMOTH. A second-early, producing mammoth ears on large stalks. 5 lbs. $1, 15 lbs. $2.65. bus. (45 lbs.) $7.75, 100 lbs. $17.

GOLDEN BANTAM. Few Corns are equal to this splendid variety in flavor. Its color, a rich golden yellow, makes some market-growers hesitate to grow it, but if it is urged upon the market and once used by the consumer, it will be called for repeatedly. 5 lbs. 90 cts., 15 lbs. $2.50, bus. (45 lbs.) $7.30, 100 lbs. $16.

WHITE-COB CORY. Similar to Red-Cob Cory, but the plant is taller. The kernels are white and of excellent flavor. 5 lbs. 90 cts., 15 lbs. $2.50, bus. (45 lbs.) $7.30, 100 lbs. $16.

HOWLING MOB. Is ready for use only 3 to 5 days later than the Early Cory when both are planted at the same time, but the ears are much larger in size, while the grains are much whiter and sweeter. 5 lbs. $1, 15 lbs. $2.65, bus. (45 lbs.) $7.75, 100 lbs. $17.

METROPOLITAN. It is safe to say that there never has been on the market any one variety of Corn that combined the essential features of earliness and good flavor in a satisfactory degree. In these important characteristics, Metropolitan certainly outclasses most varieties. 5 lbs. $1, 15 lbs. $2.65, bus. (45 lbs.) $7.75, 100 lbs. $17.

PEEP-O'DAY. One of the earliest Sweet Corns, but the ears are small. 5 lbs. $1, 15 lbs. $2.80, bus. (45 lbs.) $8.25, 100 lbs. $18.

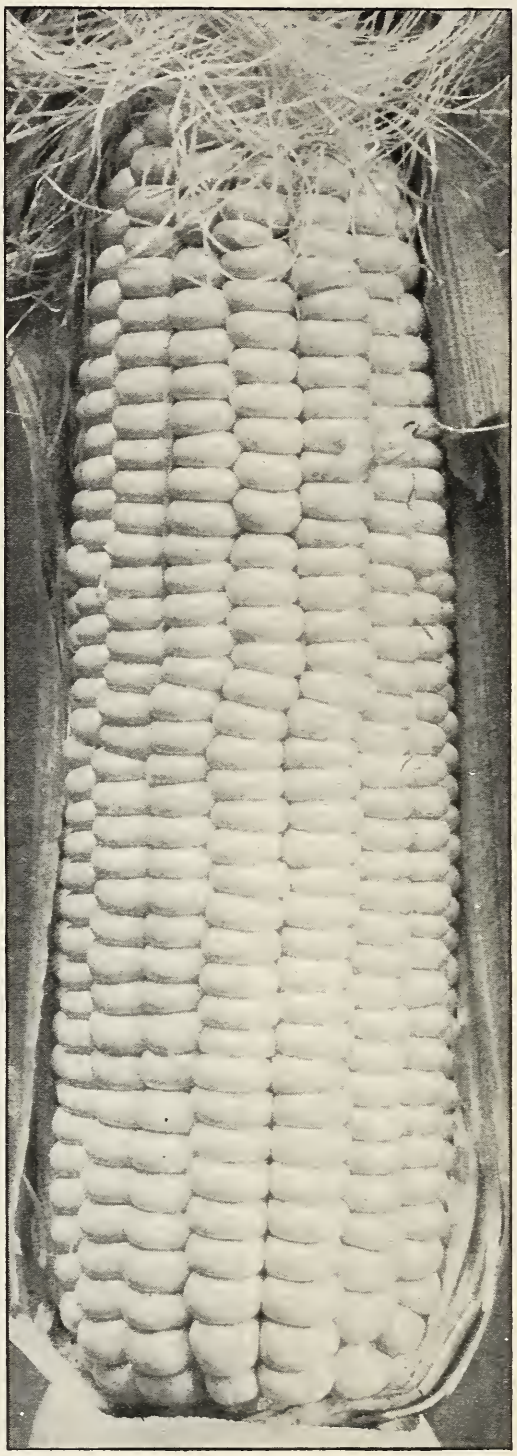
DE LUE'S GOLDEN GIANT. 5 lbs. $1.65, 15 lbs. $4.70, bus. (45 lbs.) $13.75, 100 lbs. $30.

EARLY MALCOLM. 5 lbs. $1.50, 15 lbs. $4.20, bus. (45 lbs.) $12.30, 100 lbs. $27.

ARISTOCRAT. 5 lbs. $1.35, 15 lbs. $3.95, bus. (45 lbs.) $11.75, 100 lbs. $20.

COLLARDS

GEORGIA. Oz. 15 cts., ¼lb. 35 cts. lb. $1.



STOWELL'S EVERGREEN CORN

MEDIUM AND LATE CORN

BLACK MEXICAN. Medium-sized ears, black and white kernels; very sweet; late. 5 lbs. $1, 15 lbs. $2.65, bus. (45 lbs.) $7.75, 100 lbs. $17.

COUNTRY GENTLEMAN. A large, late variety; the deep kernels are set very irregularly on the cob. Quite the best late Corn; very sweet. 5 lbs. 90c., 15 lbs. $2.50, bus. (45 lbs.) $7.30, 100 lbs. $16.

STOWELL'S EVERGREEN. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all medium sorts. 5 lbs. 90 cts., 15 lbs. $2.40, bus. (45 lbs.) $6.85, 100 lbs. $15.

CORN, FIELD, DENT

NEW GOLDEN EUREKA YELLOW DENT (Improved Leaming). Qt. 20 cts., pk. $1.25, bus. $4.50.

EARLY HORSETOOTH. Qt. 15 cts., pk. 75 cts., bus. $2.75.

JUMBO SILAGE. Qt. 20 cts., pk. $1.35, bus. $4.75.

EVERGREEN FODDER. Qt. 20 cts., pk. $1.15, bus. $4.25.

EARLY SMOKY DENT. Qt. 25 cts., pk. $1.50, bus. $5.

CORN, FIELD, FLINT

S. & W. CO.'S WHITE FLINT. Qt. 20 cts., pk. $1.10, bus. $4.

LONGFELLOW FLINT. A splendid 8-rowed yellow flint Corn. Our strain is especially selected for seed purposes. Qt. 20c., pk. $1, bus. $3.75.

LUCE'S FAVORITE. A hybrid flint-dent Corn. Qt. 20 cts., pk. $1.15, bus. $4.25.

CORN SALAD

MACHE Feldsalat *Erba riccia*

On account of the German populace in and near New York, this is much in demand and constitutes a profitable crop, bringing in money at a time of the year when the supply of other vegetables is either exhausted or has not yet matured. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

CRESS

CURLED, or PEPPERGRASS. Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

TRUE WATER. Oz. 40 cts., ¼lb. $1.50, lb. $5.

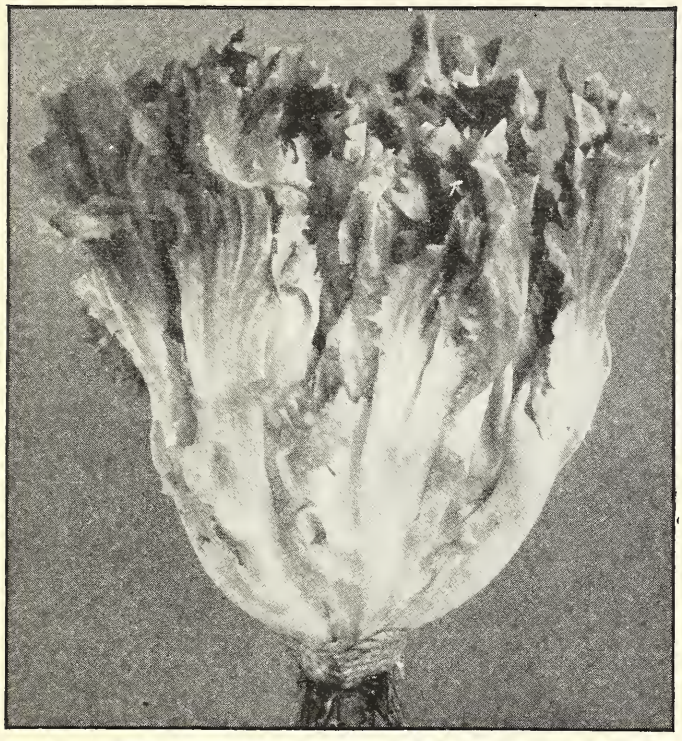
DANDELION

PISSENLIT Löwenzahn *Dente di leone*

COMMON. Oz. 40 cts., ¼lb. $1.30, lb. $4.50.

DILL

MAMMOTH. The aromatic seeds are used in pickles, preserves and soups. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.



BROAD-LEAVED BATAVIAN ENDIVE (Escarolle)

ENDIVE

CHICOREE Endivien *Indivia*

GREEN CURLED. Is the hardiest variety, and has deep green leaves that are finely crinkled and curled. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

GREEN-CURLED ROSE-RIBBED (Self-blanching). Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

WHITE CURLED. Very tender when cut young; blanches readily. Very similar to Green Curled, but the leaves are naturally of a light golden tint, and they do not have to be tied up to blanch. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

BROAD-LEAVED BATAVIAN (Escarolle). Broad, thick leaves with rounded ends, much larger in size and not deeply fringed like the preceding sorts. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

EGGPLANT

AUBERGINE Eierpflanze *Pertronciano*

BLACK BEAUTY. The earliest, largest and finest-colored fruit, extensively grown by market-gardeners. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

FLORIDA HIGH BUSH. In this variety the oval-shaped fruits are kept well off the ground, and they are more perfect, in consequence. Their color is lighter than other sorts, but the flavor is quite refined. In habit the plant grows a foot or more taller than New York Improved Spineless. **Oz. 45 cts., ¼lb. $1.50, lb. $5.50.**

LONG PURPLE. The fruits are 6 to 8 inches in length and 2 to 3 inches in diameter. They are dark purple in color, and their quality is of the best. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

NEW YORK IMPROVED SPINELESS. Oz. 50 cts., ¼lb. $1.75, lb. $6.

LAVENDER

Herb used for medicinal purposes. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

FENNEL

FENOUIL Fenchel *Finocchio*

SELECTED FLORENCE. The base of the leaf-stalks of this variety is flattened. It is grown like celery, which it resembles somewhat in flavor. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

SICILIAN, or SELECTED. A selection from the Florence Fennel, the largest and best of the Florence Fennel type. Thickened and bulb-like. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

KALE, or BORECOLE

CHOUX VERTS Blätterkohl *Cavolo verde*

DWARF GREEN CURLED SCOTCH. Very dwarf and spreading; one of the best. **Oz. 20 cts., ¼lb. 65 cts., lb. $2.25.**

SIBERIAN KALE, or SPROUTS. Should be sown in September and treated and cooked like spinach; it is fit to cut early in spring. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

DWARF BROWN KALE. A beautiful curled variety, with spreading foliage; very hardy and of fine flavor. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

KOHLRABI

CHOU-RAVE Kohlrabi *Cavolo rapa*

EARLIEST SELECTED. For Frames. Handsome, very early variety, with very few, small leaves, seldom over 8 inches long; bulb of medium size and fine quality; large enough to be eaten in two months and a half from the time of sowing. Good for forcing. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

EARLY WHITE VIENNA. Short leaved type. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

LARGE WHITE. Long leaved type. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

EARLY PURPLE VIENNA. Oz. 20 cts., ¼lb. 60 cts., lb. $2.

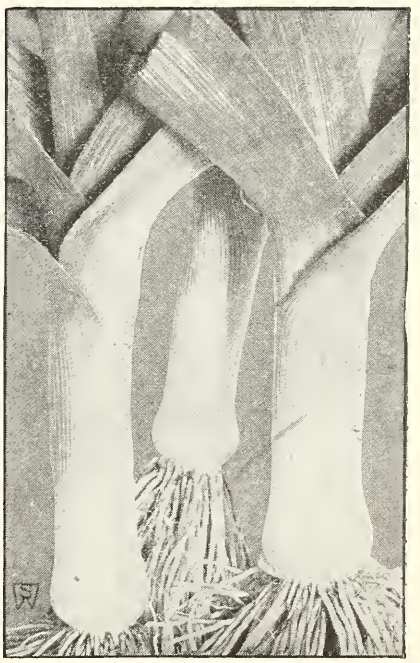
LEEK

POIREAU Porree, oder Lauch *Porro*

AMERICAN FLAG. A popular Leek, largely used for fall and early winter sales. It makes a quick, strong growth, about 10 inches long and 2 inches wide, and blanches very finely. **Oz. 20 cts., ¼lb. 60 cts., lb. $2.**

LARGE CARENTAN, or THICK-HEADED WINTER. This Leek is of shorter and stouter growth than American Flag. While the stem is a trifle shorter it is much broader. It is a splendid winter variety. **Oz. 20 cts., ¼lb. 65c., lb. $2.25.**

MUSSELBURG. This Leek will withstand our most severe winters, and for planting to carry over the winter for early spring cutting should be valuable to the market-gardener. **Oz. 20 cts., ¼lb. 65 cts., lb. $2.25.**



S. & W. CO.'S AMERICAN FLAG LEEK

LETTUCE

LAITUE Salat *Lattuga*

SELECTED BIG BOSTON. For early summer or fall use few Lettuces are equal. Makes big, compact, tender and crisp white heads. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

BLACK-SEEDED BIG BOSTON. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

UNRIVALED SUMMER. (White Seed). A light green type, free from the tint of brown that is characteristic of Big Boston. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

MAY KING. Few Lettuces have the robust constitution of this variety for resisting cold and wet weather. May be planted in the open very early, forming solid heads of bright green, the center leaves tinged reddish brown; the heart is clear yellow and of ideal flavor. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

SALAMANDER PERFECTED. For summer use there are few Lettuecs better or more favorably known. The critical market-gardener will find few Lettuces to equal it for summer use, as it remains longer in head before running to seed than most sorts. The heads are good-sized, compact, tender, creamy white inside, outer leaves light green and of most excellent flavor. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

NEW YORK, or WONDERFUL. This Lettuce is, perhaps, one of the largest-sized varieties, producing heads 15 to 16 inches across; roots deeply and resists heat in a remarkable manner. The outer color is a distinct green, the inner compact heads creamy white, crisp and tender. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

GRAND RAPIDS FORCING. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as many others. Large, beautiful leaves, crisp and tender. A favorite with market-gardeners everywhere. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

ALL SEASONS. Can be used at all seasons, resisting heat well. Heads medium to large size; round, compactly formed; of splendid quality. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

BOSTON MARKET. Solid, crisp and compact; one of the best for forcing. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

CALIFORNIA CREAM BUTTER. This Lettuce, if sown outdoors the same time as May King, matures about 10 days later. The largest and latest of the early varieties preceding the good summer sorts. Leaves are tender, crisp and of fine flavor. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

CRISP-AS-ICE. The hardiest of Lettuces, sometimes remaining in the ground without protection to Thanksgiving. Heads somewhat globe-shaped; the foliage, while of dark green and bronze color, has a splendid yellowish heart. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

GOLDEN QUEEN. A small, compact variety, forming yellowish green heads of tender, fine-flavored leaves; forms heads early. **Oz. 20 cts., ¼lb. 60 cts., lb. $2.**

ICEBERG (California Simpson). **Oz. 15c., ¼lb. 35 cts., lb. $1.10.**

MAMMOTH BLACK-SEEDED BUTTER. A large head Lettuce of splendid quality, much lighter in color than Big Boston; forms well-rounded heads with the inner leaves blanched a butter-yellow. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

WAYAHEAD. Similar to May King, but matures a few days earlier; large, and considered one of the best early summer sorts. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

Thousands of rows of vegetables and flowers are grown to maturity on the S. & W. Co.'s Trial-Grounds, and every variety sold by the Company is represented. Our view shows a portion of the Lettuce Trials, 1919

COS, or ROMAINE LETTUCE

A very distinct type of Lettuce, the plants being of upright growth.

S. & W. CO.'S GIANT WHITE. Although this fine Cos Lettuce attains a large size, the immense heart is crisp, tender and excellent; habit quite self-folding. A splendid early sort. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

PARIS WHITE COS, or ROMAINE. A splendid sort for summer use, leaves quite erect. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

TRIANON SELF-CLOSING COS. Long, narrow leaves; very tender and crisp. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

MARTYNIA

For Pickles. Oz. 25 cts., ¼lb. 85 cts., lb. $2.75.

MUSTARD

MOUTARDE Senf *Senapa*

WHITE LONDON. The best variety for salads; the seed is used also medicinally and as a mild seasoning for pickles. **Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.**

BLACK, or BROWN. A much esteemed sort for culinary use. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

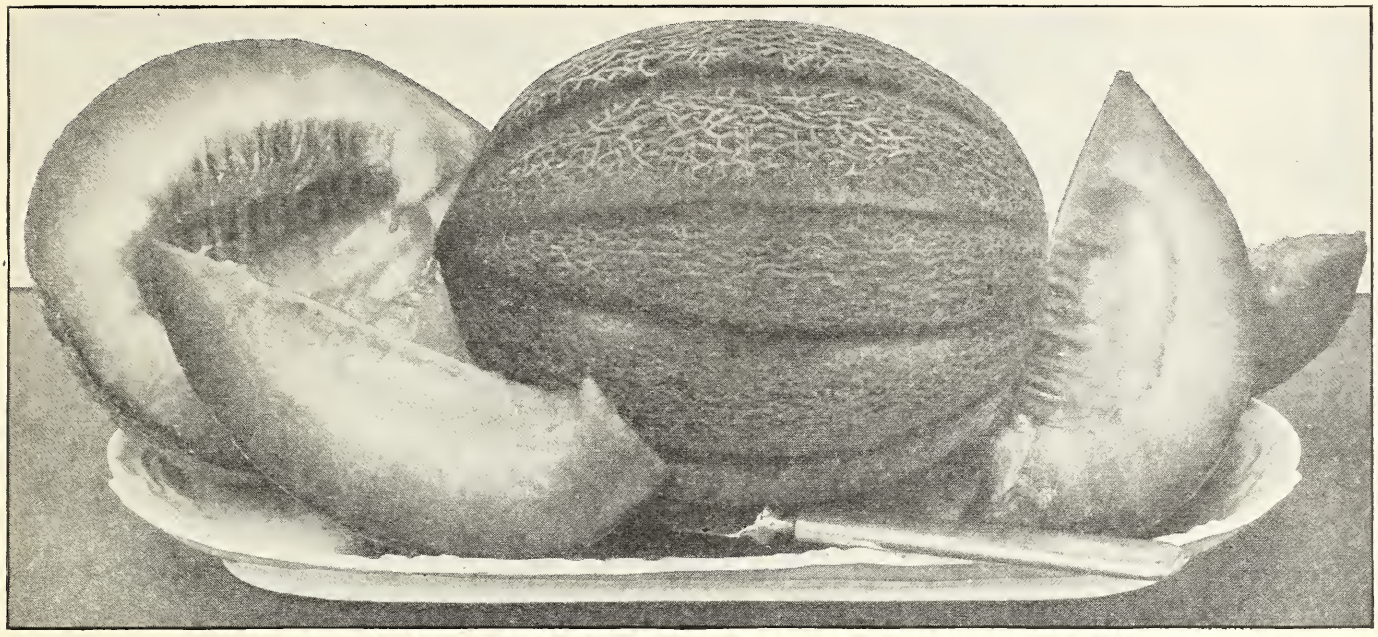
GIANT SOUTHERN CURLED. Very large leaves. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

NEW CHINESE. Leaves twice the size of the ordinary white Mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

A Real Root Maggot Remedy

Mag-O-Tite is a powder that is simply sprinkled in and over the drills when seeding, and around the roots when planting, and after the plants are through it is sprinkled around and alongside of them. While not injurious to plant-life in any way, Mag-O-Tite protects your crops against the ravages of the root maggot, earth worm, and other pests, and enables you to grow cabbage, kale, onion, turnip, cauliflower and radish. **2 lbs. 35 cts., 4 lbs. 60 cts., 8 lbs. $1, 25 lbs. $2.50, 100 lbs. $8.50, 1,000 lbs. $75.**

We can say without fear of contradiction that no seedsman gives any greater care to the placing of contracts with seed-growers, both in this country and in Europe, than we do. We pay a premium to our grower for extra care in selecting only the finest Lettuces for seed purposes.



MUSKMELON

MELON Melone *Popone*

SELECTED EMERALD GEM. The skin is a rich deep green, smooth; flesh salmon color and of delicious flavor. A very early and prolific variety and one that is very extensively grown for family use. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

S. & W. CO.'S SELECTED STOCK ROCKY FORD. The fruits are remarkably uniform in size, weighing from one and a quarter to one and a half pounds each. They are quite thick-meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the melon ripens. Flesh light green in color, firm but melting, of uniformly fine flavor. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

ADMIRAL TOGO. This is an orange-fleshed Netted Gem, or Rocky Ford. Has the very thick, orange flesh and splendid quality of the Defender, and possesses the characteristic netting, shape, size, and shipping quality of Netted Gem or Rocky Ford. Combining all the good qualities of these two fine varieties, we believe the Admiral Togo is an ideal table and basket melon. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

MONTREAL IMPROVED NUTMEG. This variety grows to a large size. It is beautifully netted and deeply ribbed. Its flesh is light green, melting, and of exquisite flavor. The best melon in cultivation. Our stock is true and was grown in Canada from selected fruit. **Oz. 75 cts., ¼lb. $2.75, lb. $10.**

EXTRA-EARLY HACKENSACK. Large, round and of fine quality; a standard variety. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

HOODOO. A new orange-fleshed variety, ideal as a shipping melon and of the very finest quality. Fruits uniformly of medium size. Rind thin yet very firm, so that the melons arrive in perfect condition in distant markets. Flesh very thick, firm, highly colored, of fine texture and delicious flavor. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

OSAGE (Black Jap or Miller's Cream). **Oz.15c., ¼lb.35c., lb. $1.25.**

"10/25" SALMON TINT. The Rocky Ford Muskmelon has been improved under the direction of Professor Blinn of the Colorado Experiment Station, and "10/25" is the best yet. The fruit is heavily and evenly netted, very uniform in size, rust-resisting and early; the flesh is a rich gold in the center, shading out to emerald-green near the rind. The flavor is highly aromatic and pleasing to a degree. It is claimed that once the public knows "10/25" Salmon Tint, few other varieties will be sold. **Oz. 20 cts., ¼lb. 60 cts., lb. $2.**

TIP-TOP. The most productive Muskmelon known; good for early or late, having a sweet, juicy, fine flavor; solid flesh (but not hard) and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

FORCING MELONS

ROYAL JUBILEE. A splendid, oval, green-fleshed melon, raised at the Royal Gardens, Windsor. Skin almost white, handsomely netted. The flesh is tender and of the most exquisite flavor. **Pkt. of 25 seeds, 50 cts., ¼oz. $3.**

BLENHEIM ORANGE. Pkt. 25 cts., ¼oz. $2.

WATERMELON

MELON D'EAU Wassermelone *Melone d'aqua*

EARLY FORDHOOK. The quickest-maturing, large-fruited Watermelon grown, and therefore suitable for the more northern parts of the country. The fruits are short and "stubby" in form, though large. The dark green skin is occasionally flecked with faint stripes of a lighter color, and the bright scarlet flesh is crisp and of such splendid quality as to warrant our recommending it to our customers. It is a variety which ships well. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

COLE'S EARLY. A most delicious and productive variety, succeeding in northern states where melons were never matured before. The flesh is of a beautiful bright red color, crisp, and extremely delicate in texture—that granulated, cool, sparkling appearance that is so captivating to the eye; in flavor, it is lusciously sweet and refreshing, no pithiness or stringiness. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

KLECKLEY SWEETS. The sweetest of all the Watermelons. Fine-flavored and grained, tender meat. Fruits are of large size; rind very thin and green, very brittle; flesh scarlet and firm. A variety everyone should grow. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

TOM WATSON. A large, long melon similar in shape, color, and splendid quality to Monte Cristo, but averaging larger in size and with a tougher rind; vines vigorous and productive; flesh rich red, sweet, and tender. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

CITRON. Round and handsome; used for preserves. Our strain of this variety is very fine; fruits uniformly large. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

BED OF S. & W. CO.'S PURE-CULTURE MUSHROOM SPAWN

MUSHROOM SPAWN

CHAMPIGNON Schwamm *Fungo pratajolo*

Ten pounds will spawn 10 feet square

CULTURE.—Mushrooms are easily grown, with a little care and attention, under a spare shed, portion of a cellar, or any dark, dry place. Collect a quantity of fresh horse droppings, throw them into a heap, leaving it until it commences to ferment, then turn it over and mix it up well, and place it where you intend to make the bed, spread it regularly about 18 inches thick, tread firmly and level the bed. Leave this to heat for a few days and as soon as the heat drops to 90 degrees make holes in the bed, about a foot apart each way, into which put pieces of the spawn about the size of an egg, fill up the holes with the compost. Beat the surface well, afterward keep it dry, and the mushrooms will make their appearance in about five or six weeks. When the first crop has been taken, give the bed a good watering, leaving it as before, when they again will make their appearance. Beds can be made at any time of the year, and as one declines another should be made, to keep a constant supply. The spawn should be kept in a cool, dry place. When gathering, remove the stalks; do not cut them or they will rot and breed maggots.

AMERICAN PURE-CULTURE SPAWN

This type produces larger Mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen Mushrooms, and is propagated and transferred to the bricks of manure, which, when planted, produce Mushrooms all of one type.

Per Brick (about 1½ lbs.)	$0 30
Per 10 Bricks	2 50
Per 25 Bricks	5 50
Per 100 Bricks	20 00

OKRA, or GUMBO

GOMBAUD Gafran *Ibisco*

LONG GREEN. Pods long, green and ribbed. **Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.**

WHITE VELVET. Pods large, white, very smooth; an abundant bearer; of superior quality. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

PARSLEY

PERSIL Petersilie *Prezzemolo*

CHAMPION MOSS CURLED. A particularly beautiful type. As its name implies, a bed of this has the appearance of fine moss. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**

EXTRA DOUBLE CURLED. This is a good variety for the market-gardener, as it produces intensely curled rich green leaves of good size, with long stems, which make it easy to bunch. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

HARDY CURLED. A type produced under rigorous northern conditions, and therefore suited for standing through into winter. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

HAMBURG or Rooted. The roots of this type resemble parsnips. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

PLAIN LEAVED. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

PARSNIP

PANAIS Pastinake *Pastinaca*

IMPROVED HOLLOW CROWN. Very thick, broad-shouldered variety; pure white roots of large size. **Oz. 15c., ¼lb. 35c., lb. $1.**

S. & W. CO.'S NEW INTERMEDIATE. The root is somewhat flattened and top-shaped, about 6 inches long and 4 inches across the thickest part. Excellent for shallow soils; matures quickly. **Oz. 20 cts., ¼lb. 60 cts., lb. $2.**

EXTRA DOUBLE CURLED PARSLEY

HARVESTING SOUTHPORT YELLOW GLOBE ONIONS

ONION

OGNON Zwiebel *Cipolla*

SOUTHPORT GLOBE STRAINS

The market-gardener who has grown our Southport Globe Strains will doubtless realize that nowhere can any better or more uniform strain, true to type, be procured.

SOUTHPORT WHITE GLOBE. A large, globe-shaped Onion; firm, fine-grained, of mild flavor, keeping well. Of beautiful shape, clear, white skin, always commanding the highest market price. Perhaps one of the varieties most generally grown by the market-gardener. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

SOUTHPORT RED GLOBE. Similar to White Globe, except the skin is a purplish crimson. **Oz. 25c., ¼lb. 75c., lb. $2.50.**

SOUTHPORT YELLOW GLOBE. Similar to White and Red Globe except color of skin, which is a pale yellow. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

OTHER VARIETIES

IDEAL YELLOW GLOBE. An Onion of the Southport type, but, as a result of very careful selection over a period of years, representing all that a general-purpose Onion should be. We recommend other and larger sorts for exhibition purposes, but where the requirements are high quality, mildness of flavor, maximum keeping qualities, and maximum yield over a given area, here is the Onion for you to grow. **Oz. 25 cts., ¼lb. 80 cts., lb. $2.75.**

PRIZETAKER. Our strain of Prizetaker is American-grown. If sown thinly and early, will produce Onions of uniformly large size in one season, rivaling the Bermuda varieties for size and flavor. Color pale straw-yellow. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

LARGE RED WETHERSFIELD. This variety, although a red-skinned sort, is very mild in flavor, splendidly grained and of a somewhat flat globe-shape; a late-growing sort and splendid winter keeper. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

ONION, continued

GIGANTIC GIBRALTAR. A mammoth Onion. **Oz. 40 cts., ¼lb. $1.25, lb. $4.**

YELLOW GLOBE DANVERS. One of the best and most popular Onions; a very early, yellow, globe-shaped variety, free from thick neck and has a very small top. Very productive. **Oz. 20 cts., ¼lb. 65 cts., lb. $2.25.**

WHITE PORTUGAL, or SILVERSKIN. A leading white flat Onion. The bulbs ripen early, are flat but symmetrical. It is not only early, but a good keeper. **Oz. 25 cts., ¼lb. 80 cts., lb. $2.75.**

WHITE BARLETTA (For pickling). Produces beautiful and perfect little bulbs, pure white in color and of mild and delicate flavor. **Oz. 25 cts., ¼lb. 85 cts., lb. $3.**

QUEEN. A very early, small, flat, white pickle Onion, used mostly for early bunching. **Oz. 35 cts., ¼lb. $1, lb. $3.25.**

ONION SETS

WHITE. Qt. 20 cts., pk. $1, bus. $3.50.
YELLOW. Qt. 15 cts., pk. 85 cts., bus. $3.
RED. Qt. 15 cts., pk. 85 cts., bus. $3.
YELLOW POTATO. Qt. 20 cts., pk. $1, bus. $3.50.
WHITE POTATO. Qt. 25 cts., pk. $1.25, bus. $4.
SHALLOTS. Qt. 25 cts., pk. $1.25, bus. $4.

Prices on Onion Sets are subject to change

PUMPKIN

POTIRON Große Kürbiß *Zucca*

KING OF THE MAMMOTHS. Two hundred pounds or more is not unusual weight for a single specimen. The fruit is flat, round, and the skin is yellow, as also is the thick flesh. Noted for exhibition purposes. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

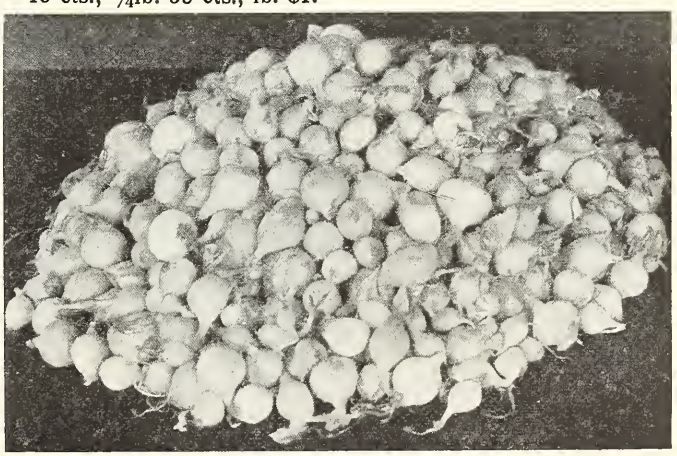
CONNECTICUT FIELD. Grown for stock purposes. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

WINTER LUXURY. This we recommend as one of the best pie Pumpkins; an excellent keeper and enormously productive. The skin is very finely netted and in color is a golden russet. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

LARGE CHEESE. Fruit flattened, skin mottled light green and yellow, changing to rich cream-color as it matures; flesh tender and of excellent quality. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

MAMMOTH TOURS. This Pumpkin is of interest on account of its enormous size. The skin is pale grey-green in color, marbled deeper green, smooth and slightly ribbed. The flesh is yellow and of fair cooking quality. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

SWEET, or **SUGAR** (New England Pie). The fruits are medium to small in size, of a bright orange color, and in shape are round, flattened at the ends. The flesh is of remarkably good cooking quality, very thick, and deep yellow in color. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**



GLOBE ONION SETS

PEAS

Pois Erbsen *Pisello*

EARLY VARIETIES

ALASKA. A round, slightly pitted, blue-seeded variety; extremely early. Largely used by canners. Height 30 inches. 5 lbs. $1.25, 15 lbs. $3.25, 60 lbs. (bus.) $12.25, 100 lbs. $20.

AMEER. A very large-podded, early Pea, following Alaska. 5 lbs. $1.15, 15 lbs. $3.10, 60 lbs. (bus.) $11.75, 100 lbs. $19.

AMERICAN WONDER. A very early wrinkled sort used by market-gardeners on account of its large yield. Height 12 in. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

EARLY MORN. An early Pea, somewhat like Gradus, matures several days after that variety. Height 36 in. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 100 lbs. $21.

EIGHT WEEKS. (See Novelties, page 3.) 5 lbs. $1.75, 15 lbs. $4.75, 60 lbs. (bus.) $18.25, 100 lbs. $30.

FIRST OF ALL. A smooth-seeded variety. Peas mature 5 to 6 days before Gradus; pods large and well filled. Height 36 in. 5 lbs. $1, 15 lbs. $2.75, 60 lbs. (bus.) $10, 100 lbs. $16.50.

MARKET SURPRISE. (See Novelties, page 3.) 5 lbs. $1.50, 15 lbs. $4.25, 60 lbs. (bus.) $16.25, 100 lbs. $26.50.

EARLY VARIETIES, continued

GRADUS, or PROSPERITY. One of the best and most favorably known wrinkled Peas in our entire list. Usually ready for picking just as First of All are through, and without a doubt a Pea that is in greatest demand in our markets. Height 36 inches. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

WORLD'S RECORD. An improved type of Gradus. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place. The great point in favor of the new sort is its earliness, the period from seed to maturity being less by a week than that of the standard Gradus. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 100 lbs. $21.

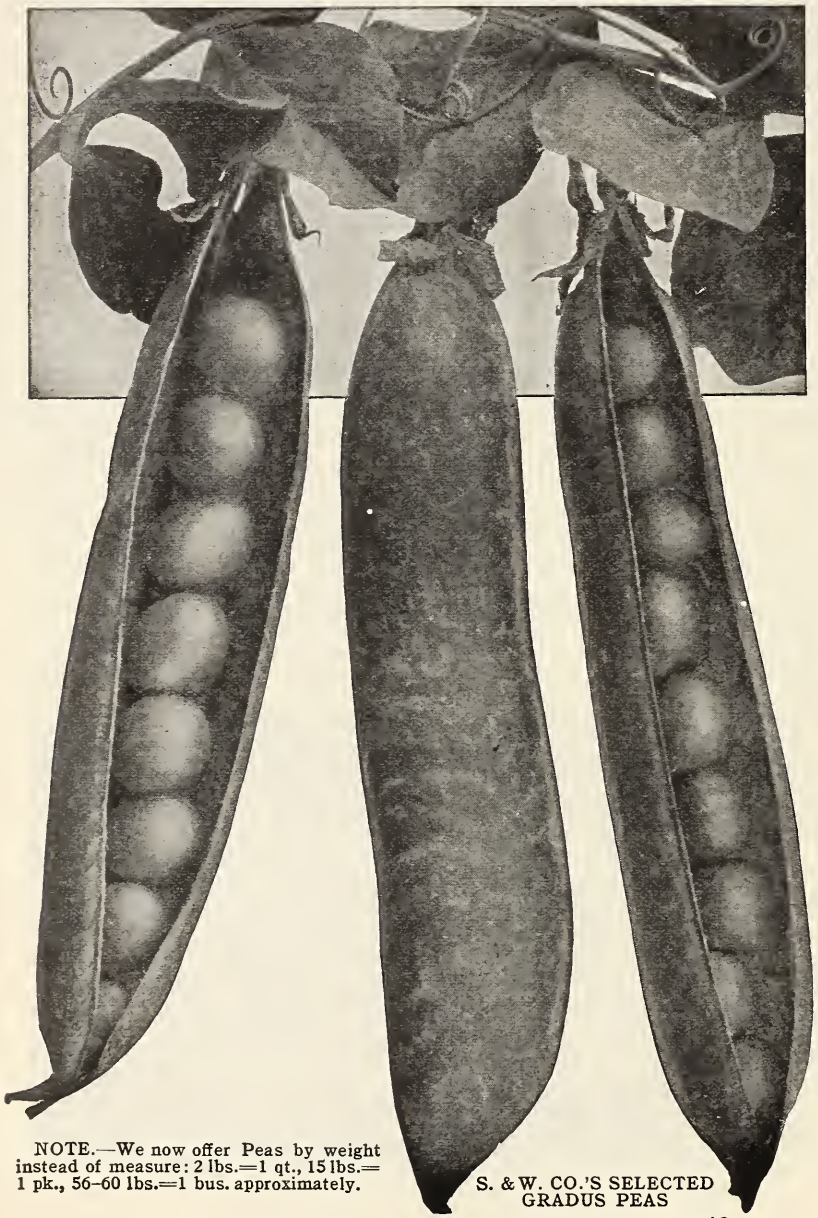
LITTLE MARVEL. A wrinkled variety that is certain to supersede American Wonder and Nott's Excelsior as a first-early, being large in size and a heavy bearer. Height 16 in. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

NOTT'S EXCELSIOR. A splendid early wrinkled variety still preferred by many critical market-gardeners on account of its yield, but has been superseded by Little Marvel. Height 14 in. 5 lbs. $1.15, 15 lbs. $3.10, 56 lbs. (bus.), $10.75, 100 lbs. $19.

SUTTON'S EXCELSIOR. A dwarf variety that calls for commendation; equal to Gradus in quality and considerably more productive. Ready for picking just after Gradus and Little Marvel. Height 24 in. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

THOMAS LAXTON. On a par with Gradus for size and flavor. Height 36 inches. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

LAXTONIAN. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 100 lbs. $21.



NOTE.—We now offer Peas by weight instead of measure: 2 lbs.=1 qt., 15 lbs.=1 pk., 56–60 lbs.=1 bus. approximately.

S. & W. CO.'S SELECTED GRADUS PEAS

MEDIUM AND MAIN-CROP

ADMIRAL BEATTY. The parents of this splendid new English variety are Gradus and Alderman, and it is intermediate between them both in habit and season. It is 3½ feet high, and the Peas are fully wrinkled and "marrowfat;" their cooking quality is excellent. The pods are long and pointed, contain nine or ten Peas, and are produced in great abundance. 5 lbs. $2.75, 15 lbs. $7.75, 56 lbs. (bus.) $28.25, 100 lbs. $50.

ALDERMAN. The vines, on generous soils, often grow 5 feet high, and should be supported by brush. The pods frequently contain seven large, fine, luscious Peas of superb quality. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

BOSTON UNRIVALED, or TELEPHONE. This is similar to Alderman, except that the pods are lighter in color; bears well up to the very late sorts. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

BUTTERCUP. A good variety to grow with Alderman and Boston Unrivaled; it is ready for picking just after these varieties are at their best. Height 24 in. 5 lbs. $1.75, 15 lbs. $4.50, 56 lbs. (bus.) $16.50, 100 lbs. $29.

BRITISH WONDER. A distinct wrinkled sort. Where space is a factor it is a valuable variety, as the vines do not exceed 24 inches in height, and the Peas are of excellent flavor. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 100 lbs. $21.

CHAMPION OF ENGLAND. Vines grow 4 to 5 feet high; Pea is of excellent quality, being preferred by many; wrinkled. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

POTLACH. Without a doubt one of the best very late, dwarf, wrinkled Peas. Height 20 in. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 100 lbs. $20.

SUGAR, or EDIBLE-POD PEAS

LUSCIOUS MELTING SUGAR. Grows about 5 feet high; pods are very tender. 5 lbs. $1.25, 15 lbs. $3.50, 60 lbs. (bus.) $13.50, 100 lbs. $22.

VERY DWARF WHITE SUGAR. Very dwarf in habit, with small-sized pods. 5 lbs. $1.25, 15 lbs. $3.25, 60 lbs. (bus.) $12.25, 100 lbs. $20.

PEPPER

PIMENT Pfeffer *Peperone*

ANAHEIM CHILI. This excellent Pepper, when first introduced, grew to an average length of 7 inches, with a paper-like shell which readily dried when hung on strings in the sun. By selection, a thick-meated Pepper was produced which grows 9 to 11 inches long. This thick-meated strain of Anaheim Chili has made it possible to can this Pepper the same as the Pimento is canned in Spain. By a process of baking, the skin is removed and the thick, tender Pepper, without the tough skin, is left. **Oz. 40 cts., ¼lb. $1.25, lb. $4.**

S. & W. CO.'S SELECTED RUBY KING. Fruit bright ruby-red. The flavor is so mild and pleasant that it can be sliced and eaten like cucumbers or tomatoes. **Oz. 40 cts., ¼lb. $1.25, lb. $4.50.**

CHINESE GIANT. Double the size of Ruby King. This is the standard large Sweet Pepper. It is quite early to ripen and very productive for so large a variety. Productiveness may be increased by pinching the first or "king" blossoms which appear. They grow 4 to 5 inches broad at the top, and are of equal length. Quite uniform in size. The flesh is mild and unusually thick and makes an excellent salad sliced and served like tomatoes. Color green, changing to a glossy scarlet when ripe. **Oz. 65 cts., ¼lb. $2.25, lb. $8.**

LONG RED CAYENNE. Fruit about 4 inches long, bright red color; very productive. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

CHERRY RED. Small round fruit, rich scarlet color, and extremely piquant. **Oz. 60 cts., ¼lb. $2, lb. $7.**

LARGE BELL, or BULL NOSE. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

DWARF EARLY RED SQUASH. Thick meat; small, flat squash-shape. **Oz. 40 cts., ¼lb. $1.40, lb. $5.**

SWEET MOUNTAIN. Similar to the Bull Nose, but larger, sweeter, and of milder flavor. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

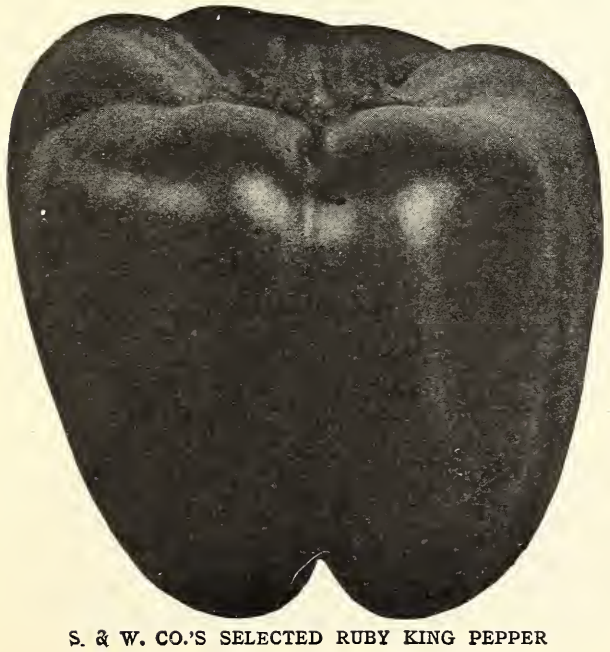
RED CLUSTER. Bears clusters of thin, pungent, red Peppers in an upright position. **Oz. 50 cts., ¼lb. $1.75, lb. $6.**

NEAPOLITAN. **Oz. 40 cts., ¼lb. $1.40, lb. $5.**

PERFECTION PIMIENTO. **Oz. 45 cts., ¼lb. $1.50, lb. $5.50.**

POTATOES

Prices on application



S. & W. CO.'S SELECTED RUBY KING PEPPER

COOPER'S SPARKLER RADISHES

RADISH

RADIS ET RAVE Radies und Rettig *Ravanello*

WHITE-TIP SPARKLER. A quite distinct variety. The upper half of the root is bright scarlet and the lower portion pure white. The two colors are sharply defined and do not merge one into the other, as in ordinary white-tipped Radishes. Has a most dainty appearance on the table. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

WHITE-TIPPED SCARLET TURNIP. A very popular market-garden variety, for outdoor growing as well as in frames. Of medium size, round, and uniform, color bright scarlet with a distinct white tip which makes it an especially attractive table sort. Mild and crisp, flesh white; matures in twenty-five days. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

EARLY SCARLET GLOBE. Decidedly one of the most popular Radishes with the market-gardener for forcing. Color an attractive scarlet; of uniform globe-shape, maturing in twenty-one days; small tops, bunches splendidly; retains its color very well. **Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., 10 lbs. $8.**

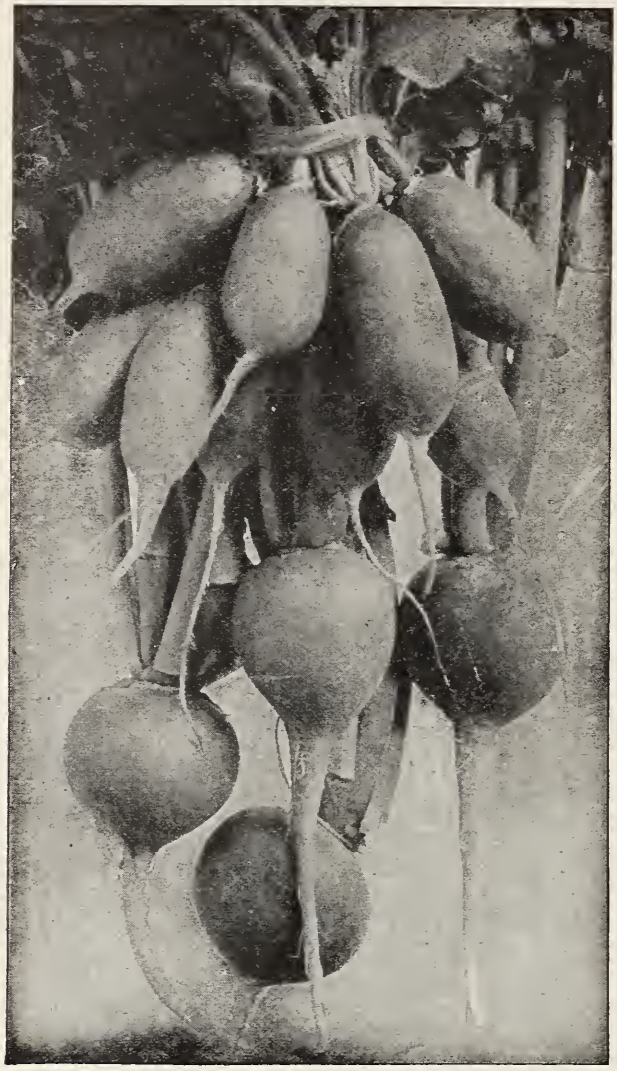
SCARLET TURNIP. A very popular medium-sized variety; color even scarlet; quick grower; of mild flavor. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

FRENCH BREAKFAST. An oval-shaped variety, about 2 inches long and 1 inch thick, color uniform bright scarlet, base and tip white; flesh crisp and tender. A quick grower; extensively used for open-ground or frame culture. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

CINCINNATI MARKET. By far the best strain of the long scarlet short-top Radishes. Roots 6 to 7 inches long and 1 inch thick are produced within thirty-five days after sowing. Skin is rosy scarlet, blending into pure white at the tip. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

ICICLE. A magnificent white variety of mild flavor; grows 3½ to 4 inches long in thirty days. Also suitable for summer as well as early use. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

WHITE BOX. Almost globe-shaped, slightly flattened, with pure white skin and crisp flesh. Unlike most other early sorts it remains in fine table condition until quite overgrown. **Oz. 15 cts., ¼lb. 35 cts., lb. $1, 10 lbs. $9.50.**



EARLY SCARLET GLOBE AND FRENCH BREAKFAST RADISHES

STANDARD EARLY RADISHES

OLIVE-SHAPED SCARLET. Half-long, oval-shaped variety, maturing in twenty-five days; bright scarlet; flesh white, tender, and of mild flavor. Oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

OLIVE-SHAPED WHITE. Similar to the preceding variety, except that it is of a uniform white. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

WHITE TURNIP. A small, round sort inclined to flat; skin and flesh white; mild and crisp. Oz. 10 cts., ¼lb. 30 cts., lb. 90 cts., 10 lbs. $8.

SCARLET CHARTIER. A fine, long variety; color at the top crimson, running into pink about the middle and from thence downward is a pure white. Oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.

LONG SCARLET SHORT-TOP. Bright scarlet; flesh white, mild flavor; grows about 6 inches long; matures in twenty-five days. Oz. 10 cts., ¼lb. 25 cts., lb. 80 cts., 10 lbs. $7.50.

SUMMER SORTS

These sorts usually attain a larger size than the preceding early varieties, maturing in six to eight weeks.

WHITE STRASBURG. Somewhat pointed, 4 to 5 inches long and about 2 inches in diameter; flesh white and tender. Roots may be pulled six weeks after sowing. Oz. 10 cts., ¼lb. 30 cts., lb. 90 cts., 10 lbs. $8.50.

SUMMER SORTS, continued

GIANT WHITE STUTTGART. Root top-shaped, often ¾ inch in diameter, and about 3 inches in depth; skin and flesh white. Matures in six to eight weeks, but is usually pulled about five weeks from sowing. Oz. 15 cts., ¼lb. 35 cts., lb. $1, 10 lbs. $9.50.

WHITE VIENNA. An early long white summer Radish. Top tinged with green. Oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

GOLDEN YELLOW OVAL. A quick-growing kind, resisting heat well. Root usually oval, tapering at the base, of fine yellow color. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

WINTER SORTS

LONG BLACK SPANISH. Root cylindrical, from 7 to 10 inches long and 2 to 3 inches in diameter; skin very black; flesh firm and white; one of the best keepers. Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., 10 lbs. $8.

HALF-LONG BLACK SPANISH. Differs from the preceding variety in that the root is somewhat shorter and thicker; it is also somewhat milder in flavor and an equally good keeper. Oz. 15 cts., ¼lb. 35 cts., lb. $1, 10 lbs. $9.50.

ROUND BLACK SPANISH. Root rounded or top-shaped, from 3 to 4 inches in diameter and about 3 inches long; skin black; flesh white and firm. A good keeper. Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., 10 lbs. $8.

ROSE CHINA WINTER. Roots 4 to 5 inches long and 1½ to 2 inches thick, broader at the bottom than at the neck, blunt at both ends; flesh firm, white, and tender; skin rosy red. A good keeper. Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., 10 lbs. $8.

RHUBARB

RHUBARBE Rhababer *Rabarbaro*

LINNAEUS. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

VICTORIA. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

RHUBARB ROOTS

Divisions, $1 per doz., $7 per 100. Small clumps, $1.50 per doz., $12 per 100. Large clumps, $2 per doz., $15 per 100. Forcing clumps, $3.50 per doz., $27.50 per 100.

SAGE

COMMON. An herb often used for cooking and in medicine. Oz. 40 cts., ¼lb. $1.40, lb. $5.

SUMMER SAVORY

An herb much used in cooking and quite a favorite. Oz. 30 cts., ¼lb. $1, lb. $3.

SALSIFY

SALSIFIS Haferwurzel *Barba di becco*

MAMMOTH SANDWICH ISLAND. Valuable improvement on the ordinary type, producing larger, thicker, and grayer roots; leaves larger and greener. Oz. 20 cts., ¼lb. 60 cts., lb. $2.

SORREL

OSEILLE Sauerampfer *Acetosa*

BROAD-LEAVED LYONS. A more vigorous, large-leaved variety than the Large-leaved French; also paler in color, but of high quality. Esteemed as a salad or cooked as greens, etc. Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

BROAD-LEAVED WHITE CHAMBOUREY. Vigorous, large-leaved variety, which is still paler in color than the Large-leaved French. Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

NEW YORK MARKET SPINACH

SPINACH

EPINARD Spinat *Spinaccio*

S. & W. CO.'S EMERALD STANDING. A very large and vigorous type of compact, flat, spreading growth. The leaves are large, thick, slightly crumpled, very fleshy, and carried on long stems. The color is a very dark green. The most important point about this Spinach, however, is that *it stands fully one month longer than any other variety* before bolting to seed. In spite of this, it is quite early to mature, and it is ready for cutting most as soon as Bloomsdale. **Oz. 15 cts., ¼lb. 35 cts., lb. $1, 10 lbs. $9.**

S. & W. CO.'S NEW YORK MARKET. Produces unusually large, thick, crumpled leaves of beautiful green. **Oz. 5 cts., ¼lb. 15 cts., lb. 40 cts., 10 lbs. $3.50.**

LONG-STANDING VICTORIA. Very broad, smooth leaves of very dark green. Large plant. **Oz. 5 cts., ¼lb. 10 cts., lb. 25 cts., 10 lbs. $2.25.**

SAVOY-LEAVED or BLOOMSDALE. A valuable variety with wrinkled leaves, resembling the Savoy cabbage; hardy and prolific. **Oz. 5 cts., ¼lb. 15 cts., lb. 45 cts., 10 lbs. $4.**

LARGE THICK-LEAVED. Produces a large, thick leaf, and stands for a long time before running to seed. **Oz. 5 cts., ¼lb. 10 cts., lb. 25 cts., 10 lbs. $2.25.**

MONSTROUS VIROFLAY. Oz. 5 cts., ¼lb. 10 cts., lb. 25 cts., 10 lbs. $2.25.

BROAD-LEAVED FLANDERS. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts., 10 lbs. $3.25.

NEW ZEALAND. A distinct type of Spinach grown largely for summer use. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.**

SQUASH

COURGE Kürbis Zucca

SUMMER VARIETIES

LONG ISLAND WHITE BUSH. A selection of the old White Bush Scalloped, and a vast improvement, having less prominent ridges and being much deeper, so that a single Squash actually contains nearly twice as much weight for the same cubic measurement as the old sort. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

DELICATA. Early and very prolific; of oblong shape. Ground-color orange-yellow, splashed and striped with very dark green. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

GIANT BUSH SUMMER CROOKNECK. The Crookneck class of Squash surpasses in quality any of the summer varieties, and in the Giant Bush we have the delicious buttery, rich flavor of the original sort, but of just double the size. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

SQUASH, continued

GOLDEN CUSTARD. Mammoth strain of the Early Yellow Scalloped Bush. Bright golden yellow flesh, quality excellent. **Oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

COCOZELLE (Italian Green Striped). Stems are very thick and short; fruit about 20 inches long and 3 to 4 inches in diameter, furrowed by five ribs; skin dark green, striped lighter green. Usually eaten when quite young and hardly the size of a small cucumber. **Oz. 20 cts., ¼lb. 60 cts., lb. $2.**

FALL or WINTER SQUASHES

BOSTON MARROW. A very popular Squash for fall or winter use. Bright orange-color, flesh yellow; oval in form. A splendid keeper and excellent for pies. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

CHICAGO or WARTED HUBBARD. This is a selection of the largest and best rough-skinned specimens of the Green Hubbard. The strain is an ideal winter Squash for the home market. The vines are of strong, robust growth; fruits very large, heavily warted, splendid shape, and dark green; flesh rich and dry. **Oz. 15 cts., ¼lb. 55 cts., lb. $1.75.**

GOLDEN HUBBARD. The fruits are of the same shape as the green Hubbard, except that they average one-half to one-third less in size. Flesh deep golden yellow, much richer in color than Hubbard. Cooks dry and of rich flavor. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

HUBBARD. Finest of all the late-growing varieties. Bluish green color, occasionally marked with brownish orange. Will keep from September to May. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

DELICIOUS. A small to medium squash of remarkable quality. Top shaped, dark green skin and orange flesh. **Oz. 20 cts., ¼lb. 60 cts., lb. $2.**

SWISS CHARD

GIANT LUCULLUS. Plants of this variety grow to a height of 2 to 2½ feet. The stalks are quite thick, 1½ inches broad, heavily ribbed and from 10 to 12 inches long below the leaf. These stalks are splendid when cooked and served in the same manner as asparagus. The extra-large leaves are sharply pointed at the top, while in texture they are heavily crumpled. The leafy portion of the foliage is cooked and served in the same manner as spinach. The leaves and stalks, served as separate vegetables, afford two distinct dishes from the same plant at one time. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

GREEN LYON. Not so tall as the Giant Lucullus. Leaves very tender, crisp and tasty; midrib very broad and of extra-good flavor when served like asparagus. **Oz. 15 cts., ¼lb. 35 cts., lb. $1.**

MAMMOTH NEW YORK. A new, specially fine, smooth-leaf type. **Oz. 35 cts., ¼lb. $1, lb. $3.50.**

TOMATO

POMME D'AMOUR Liebesapfel *Pomo d'oro*

EARLY SORTS

EARLIANA (The Earliest Red Tomato). The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The fruits are of uniform size, averaging 3 inches in diameter, and from 2 to 2½ inches in depth; solid, with few seeds, making a splendid variety for shipping. **Oz. 35 cts., ¼lb. $1, lb. $3.50.**

CHALK'S EARLY JEWEL. About a week later than Earliana. It is of uniformly large size; of brightest red, deep-fruited and solid. Bears splendid, large-sized Tomatoes throughout the season, and for quantity and quality of fruit it is easily without a rival among the best extra-earlies. **Oz. 35 cts., ¼lb. $1, lb. $3.50.**

JUNE PINK. The earliest pink Tomato, similar to Earliana except that the color is pink instead of red. The fruits are of fair size, and ripen evenly, practically permitting the entire crop to be harvested at once. **Oz. 40 cts., ¼lb. $1.40, lb. $5.**

SECOND-EARLY or MAIN-CROP TOMATOES

S. & W. CO.'S EXHIBITION STRAIN OF NEW GLOBE. Oz. 60 cts., ¼lb. $2, lb. $7.

NEW GLOBE. It is of a beautiful globe-shape, with quite a percentage of elongated (stem to blossom) fruits, which permits of a greater number of slices being taken than with flat-fruited sorts. Among the very first to ripen, although of large size; very smooth, firm-fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short-jointed, branching plants in great abundance—literally loaded with fruit. A good general cropper, and one of the very best for greenhouse growing, or first-early crop. Oz. 40 cts., ¼lb. $1.25, lb. $4.

SELECTED STONE. By far one of the best of the main-crop red Tomatoes. It is smooth, with very little core, and is not equalled by any other main-crop sort in its large yield of uniform-sized Tomatoes. Oz. 30 cts., ¼lb. $1, lb. $3.

ACME. Well-known purple-fruited variety. Fruit medium in size, solid and smooth. Oz. 35 cts., ¼lb. $1, lb. $3.50.

BONNY BEST. Considered among the best of the early sorts. The fruits are bright red in color, medium-sized, and are produced in large quantities. Oz. 35 cts., ¼lb. $1, lb. $3.50.

CORELESS. Large-sized, globe-shaped, very slight depression at the stem; bright red; heavy cropper. Oz. 40 cts., ¼lb. $1.40, lb. $5.

CRIMSON CUSHION. Rich crimson-scarlet fruits of large size; solid and meaty; prolific bearer. Oz. 45 cts., ¼lb. $1.50, lb. $5.50.

DWARF CHAMPION. A distinct, dwarf-growing variety, scarcely needing support; medium-sized fruits of pinkish purple. Oz. 40 cts., ¼lb. $1.25, lb. $4.

DWARF STONE. A dwarf, compact-growing plant, yielding a large crop of medium-sized, solid, bright red Tomatoes. Oz. 40 cts., ¼lb. $1.25, lb. $4.

GOLDEN PONDEROSA. Large, smooth fruits of golden yellow, attractive for slicing and mixing with sliced red sorts. Oz. 40 cts., ¼lb. $1.40, lb. $5.

JOHN BAER. A very productive variety of high quality. The fruits are meaty and contain surprisingly few seeds. Oz. 50 cts., ¼lb. $1.75, lb. $6.

MATCHLESS. One of the best for main crop; fruits bright red, smooth and solid. Bears well throughout the season. Oz. 35 cts., ¼lb. $1, lb. $3.50.

PONDEROSA. Similar to Crimson Cushion, except in color, which is a deep purple; a very large Tomato, with few seed-cells. Oz. 40 cts., ¼lb. $1.30, lb. $4.50.

COMET. The standard sort for greenhouse cultivation. Oz. 45 cts., ¼lb. $1.50, lb. $5.50.

SMALL-FRUITING TOMATOES

RED PLUM, PEAR, PEACH, CHERRY AND CURRANT; YELLOW PLUM, PEAR AND CHERRY; STRAWBERRY AND KING HUMBERT. Each, oz. 50c., ¼lb. $1.60, lb. $5.50.

TURNIP

NAVET Weißerübe *Navone*

ABERDEEN. A flat, yellow variety; good winter keeper. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

EARLY PURPLE-TOP MILAN. Quite the earliest Turnip in cultivation; medium size; flesh and skin white; purple top. Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

EARLY WHITE MILAN. One of the earliest white varieties, with small leaves. Used for spring and summer planting, furnishing a continuous supply of fine-flavored, tender-skinned Turnips; clear ivory-white inside and out. Oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

TURNIP, continued

RED-TOP STRAP-LEAF. A variety of quick growth; shape round, somewhat flattened, 4 to 5 inches in diameter; flesh white. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

WHITE STRAP-LEAF. Similar to the preceding variety except that it is entirely pure white. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

GOLDEN BALL, or ORANGE JELLY. Globe-shaped roots; very early; flesh deep golden yellow. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

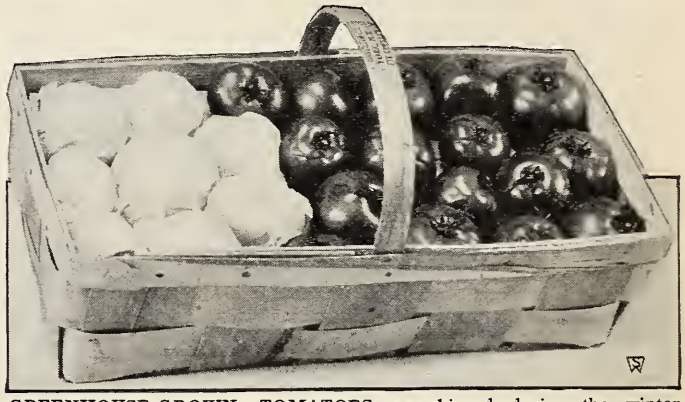
PURPLE-TOP WHITE GLOBE. One of the best market-garden sorts; large, splendid, globe-shaped Turnip; flesh white with purple top; grain fine, flesh firm, tender and sweet. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

LONG WHITE, or COWHORN. A long, white-fleshed Turnip, growing half above the ground; used for soiling and stock-feeding. Oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.

SNOWBALL. A very attractive, smooth, white Turnip; early; tender and sweet. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

WHITE EGG. An oval- or egg-shaped variety; very smooth, thin, white skin; white flesh. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

YELLOW STONE. A round, flattened, yellow-fleshed Turnip; popular for table use and stock-feeding. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.



GREENHOUSE-GROWN TOMATOES as shipped during the winter months into the New York market

Uniform containers holding 10 pounds are used, and the individual fruits are wrapped in tissue paper. A suitable Tomato weighs 4 ounces, and in shape a deep globe; the color bright scarlet. Comet is a variety largely used for growing under glass.

RUTABAGA

WHITE FRENCH. A very tender variety, fine for the table. Oz. 15 cts., ¼lb. 35 cts., lb. $1.

LONG ISLAND IMPROVED PURPLE-TOP. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

IMPROVED AMERICAN PURPLE-TOP. A yellow-fleshed Rutabaga, which is extra good for the table or stock-feeding. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

S. & W. CO.'S SELECT STOCK PURPLE-TOP. Oz 15 cts., ¼lb. 35 cts., lb. $1.

THYME

THYM Thymian *Timo*

BROAD-LEAVED ENGLISH. Oz. 90 cts., ¼lb. $3, lb. $10.

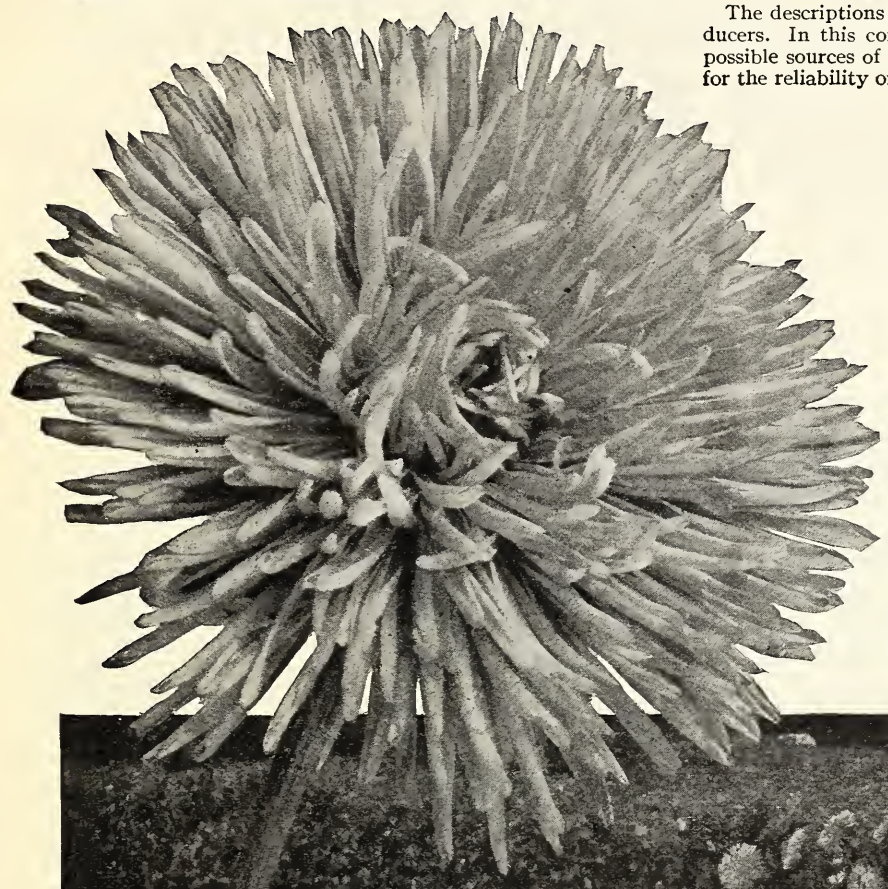
S. & W. Co.'s General Garden Fertilizer

The best artificial manure for Vegetables, Flowers and Fruits. It may be dug into the ground, before planting, at the rate of 10 pounds for a space 15 feet by 15 feet, or 500 pounds to the acre. Later it may be dusted frequently among the plants during growth and hoed into the soil.

Prices, 100 lbs. $4, 500 lbs. $17.50, ton $60

S. & W. Co.'s Novelties and Specialties in Flower Seeds

The descriptions given of the following Novelties are those of the introducers. In this connection we desire to say that all are from the best possible sources of supply, and have been selected by us with every regard for the reliability of the introducers.



THE SIX KING ASTERS

This magnificent class of Asters is distinct from all others in the character of the flowers. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance, and last longer when cut than any other class.

The plants are large, and the stems exceptionally long and strong. They bloom very profusely and will pay handsomely for cutting. The border illustrated on this page shows the distinctive qualities of the blooms and the long stems.

Florists who are desirous of obtaining a distinct type should grow the King Asters.

White King and Pink King are of more upright habit, while Lavender King, Violet King and Rose King are of branching habit. While not a very early type they rank as quite the best of the midseason bloomers.

	Trade pkt.	¼oz.
LAVENDER KING	$0 25	$0 75
PINK KING	25	75
VIOLET KING	25	75
WHITE KING	25	75
ROSE KING	25	75
CRIMSON KING	25	75
Collection: 1 Trade pkt. each, 6 Kings		$1 00
¼oz. each, 6 Kings		3 00

BORDER OF KING ASTERS

Novelties and Specialties in Florists' Flower Seeds

S. & W. CO.'S DOUBLE-CROWNED AND CRESTED COSMOS

We consider this one of the best Flower Novelties of recent years—an entirely new race of Cosmos. The plants are similar in habit to our famous strain of late-flowering Cosmos, and practically all have double crowns, which give the flower a very dainty and exquisite appearance. The colors are pure white and a delightful shade of shell-pink. Seed sown in our trials in early August bloomed the middle of October, giving a percentage of delightfully double-crowned blooms.

Pink. Shell-pink. **Trade Pkt. 25 cts., ¼oz. $1.**

White. Pure white. **Trade pkt. 25 cts., ¼oz. $1.**

Crimson. Deep crimson. **Trade pkt. 25 cts., ¼oz. $1.**

Mixed Colors. Pkt. 25 cts., ¼oz. $1.

Ageratum
Little Blue Star

Very dwarf, measuring about 5 inches; bright blue flowers. A very popular variety for the florist and one that grows well. **Pkt. 15 cts., 2 pkts. 25 cts.**

Chinese Woolflower

Plant introduced from China; odd and attractive. It is an annual and easy to grow. The plants reach a height of about 2½ feet and become covered with flowers that resemble large balls of scarlet wool. A unique form of the feathered Cockscomb. **Pkt. 10 cts.**

"Selected" Calendula

Orange King. A very fine double strain of this popular greenhouse forcing annual. **¼oz. 75 cts., oz. $2.**

Lemon Queen. Pale yellow form of the above. **¼oz. 30 cts., oz. $1.**

Marigold, Giant-Flowered African

This strain of Marigold has been brought about by careful selection on the part of our growers, and those wishing unusually large flowers of this very charming annual will not be disappointed by giving these a trial. This seed has been grown for us by a Marigold specialist in Europe and we have learned from repeated trials at our trial-grounds that it is some of the finest procurable.

Giant Show Lemon. Pkt. 20 cts., ¼oz. $1, oz. $3.50.

Giant Show Orange. Pkt. 20 cts., ¼oz. $1, oz. $3.50.

S. & W. CO.'S DOUBLE-CROWNED AND CRESTED COSMOS

PRIMULA

MALACOIDES (The Giant Baby Primrose). The flowers measure ½ to ¾ inch across, and the plants branch very freely. The flowers are of a pretty light lilac, are borne in whorls on stems which are graceful and strong. If grown in a greenhouse, can be had in bloom in four or five months after sowing. **Pkt. 25 cts., 5 pkts. $1.**

MALACOIDES ALBA. This beautiful new white variety is a welcome addition to this type of Primula, and has become a strong favorite. Both these varieties are grown for pot-plants and cutting instead of the old variety *Primula Forbesii*, which formerly was the florists' favorite. **Pkt. 25 cts., 5 pkts. $1.**

NEW SALVIAS

We have several varieties of New and Rare Salvias to offer below, and would ask our patrons to give them a trial.

America. From our trials we are justified in saying that this is the finest dwarf Salvia we know of. It is a very free bloomer, coming into flower earlier than most Salvias. The color is a bright scarlet. **Trade pkt. 50c., ¼oz. $1.50.**

Fireball. A compact type of the Salvia Bonfire, and very free-flowering. The finest type for borders or beds requiring a variety as dwarf as Bonfire. **Trade pkt. 50 cts., ¼oz. $1.25.**

Ostrich-Plume. The Ostrich-Plume Salvia is the most beautiful of all Salvias of recent introduction. The habit of the bush resembles the Splendens type, but unlike Splendens, produces a plume. The bush is well covered with these plumes of the most intense, dazzling scarlet. As a cut-flower for vases one plume alone makes a delightful decoration. Comes 75 per cent true from seed, and stands the weather as well as all the other Salvias. **Pkt. 15 cts., 5 pkts. 60 cts.**

Stokesia cyanea

A mixture of many new colors and shades in addition to the Blue and White already so popular. **Pkt. 15 cts., ¼oz. $1.**

Vinca delicata

A beautiful pale rose; the finest of all Vincas. **Pkt. 15 cts., ¼oz. 75 cts.**

Zinnia, Giant Double-Flowering

This is a type of Zinnia which has never been excelled for size. One of our customers brought us a bloom, grown from seed started in the open, measuring 6 inches in diameter. We can strongly recommend this over any existing varieties of double Zinnias. Giant White, Giant Crimson, Giant Rose, Giant Scarlet, Giant Yellow, and Giant Mixed. **Each, pkt. 15 cts., ¼oz. 50 cts., ½oz. 85 cts., oz. $1.50.**

STUMPP & WALTER CO.'S

HIGH-GRADE

FLORISTS' FLOWER SEEDS

We give very close attention to the selection of our various strains of Florists' Flower Seeds, it being our constant aim to procure only the best obtainable.

NOTE.—We do not furnish smaller than packets, except where noted. Fractions of ounces are charged at a slight increase over the ounce price. Seeds not listed in our Wholesale Catalogue and catalogued in our Retail List are subject to 33⅓ per cent discount on the ounce and packet price, except Novelties, which are net. ¼-ounce packets, where not priced, are charged at ⅓ of the ounce price.

ABUTILON. Flowering Maple.

	Pkt.	Oz.
Choicest Mixed. Valuable for both winter decoration and summer bedding..¼oz. $1....$0 15		$3 50

ACHILLEA. Perennial.

Ptarmica, The Pearl. Beautiful summer-flowering perennial, pure white.....¼oz. $1.50..	25	4 00

ACONITUM. Monkshood

Napellus, Blue. A hardy perennial; showy spikes of hood-shaped flowers.....¼oz. 35 cts...	05	1 25

ADONIS. Flos Adonis

Autumnalis. Annual. Crimson flowers.....	05	25
Vernalis. Perennial. Large yellow flowers.....	10	75

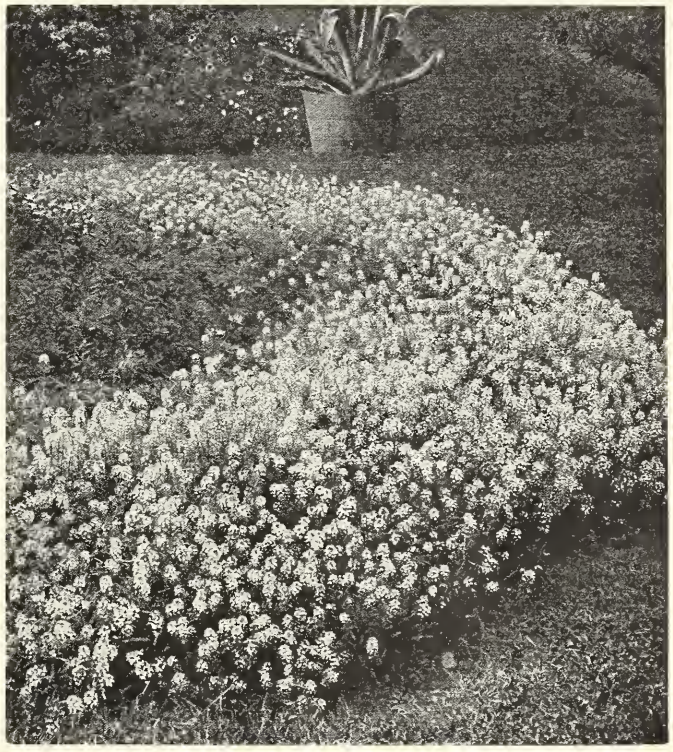
AGROSTEMMA

Coronaria. Perennial. Glaucous foliage, with deep crimson flowers.....	05	25

AGERATUM

Album. White; grows about 10 inches high.....	05	50
Little Blue Star. Grows about 5 inches high and is covered with bright blue flowers. $\frac{1}{16}$oz. 50c	15	
Little Dorrit, Blue. Grows about 6 inches high..	05	75
Little Dorrit, White. Same as the preceding, only white.....	05	75
Mexicanum Capella. Rosy chamois; grows about 9 inches high.....	10	
Princess Pauline. Compact, even growth; sky-blue; about 8 inches high.....	05	75
Swanley Blue. Bright blue; 12 inches high.....	05	75
Blue Perfection. Pale blue.....	10	75

ANEMONE (see page 22)



BORDER OF ALYSSUM

ALYSSUM

Popular bedding annual.

	Pkt.	Oz.
Little Gem Our strain of this variety is the best known; very dwarf and compact...¼lb. $2..$0 05		$0 60
Sweet (*Alyssum Benthami*). Well-known, fragrant white flowers.....¼lb. 75 cts...	05	25
Dwarf Bouquet. Excellent for pot-work.....	25	1 50
Saxatile compactum. Perennial. Yellow.....	10	60
Lilac Queen. Lilac.....	25	1 00

AMARANTHUS

Ornamental foliage plant.

Caudatus. Love-Lies-Bleeding. Red.....	05	25
Tricolor. Joseph's Coat. Leaves various colors..	05	50

ACROCLINIUM. Everlasting

Largely used for winter bouquets.

Single Mixed.....	05	50
Double Mixed.....	05	50

ANEMONE. Windflower. Perennial

	Pkt.	Oz.
Giant de Caen. Giant French	$0 05	$1 00
St. Brigid Mixture. Now that tubers of the famous strains of Irish Anemones can no longer be imported from Europe, we offer seed at	25	2 00

ARCTOTIS

Grandis. A splendid annual for cutting. Blush-white flowers	10	1 00

ANTIRRHINUM Snapdragon

The Three Queens

Three splendid Snapdragons of the semi-dwarf types, growing about 1½ feet in height, suitable for bedding or cutting also. Can be grown in greenhouse as well as outdoors. We consider them the best three varieties of their type.

Rose Queen. Fine rosy pink.
White Queen. Pure snow-white.
Golden Queen. Clear golden yellow.

Each, pkt. 10 cts., ¼oz. 40 cts., oz. $1.50

S. & W. CO.'S GIANT-FLOWERING TALL

The following varieties of this splendid florist's cut-flower are quite the best we know of. We have, after careful trials, tested only those which we know are tall growers, carrying good spikes of bloom.

	Pkt.	¼oz.	Oz.
Album. Very large; pure white	$0 05	$0 30	$1 00
Blood-Red. Rich, dark red	05	30	1 00
Carmine-Rose. Carmine, yellow lip	05	30	1 00
Chamois. Beautiful chamois-rose	05	30	1 00
Coral-Red. Pretty shade of coral-red	05	30	1 00
Fairy Queen. Rich salmon, with white throat	05	30	1 00
Luteum. Pure yellow	05	30	1 00
Queen Victoria. Pure white	05	30	1 00
Rose Dore. Salmon-rose	05	30	1 00
Scarlet. Bright scarlet	05	30	1 00
Striped. Striped	05	30	1 00
Special Mixture. Named sorts	05	25	75

S. & W. CO.'S GIANT-FLOWERING SEMI-DWARF

This type of Snapdragon is very largely used for bedding purposes. The flowers are quite as large as in the preceding type but the plants are more dwarf in growth, usually attaining a height of about 2½ feet.

	Pkt.	¼oz.	Oz.
Black Prince. Dark crimson; dark foliage	$0 05	$0 30	$1 00
Crimson King. Rich crimson	05	30	1 00
Golden Queen. Rich yellow	05	30	1 00
Pink Empress. Deep rosy pink	05	30	1 00
Queen of the North. White	05	30	1 00
Striatum. Striped	05	30	1 00
Special Mixture. Named sorts	05	25	75

ASPARAGUS PLUMOSUS NANUS

We are regularly supplying the best growers with our true greenhouse-grown strain.

100 Seeds	$0 40
500 Seeds	2 00
1,000 Seeds	3 50
2,500 Seeds	8 50
5,000 Seeds	16 25

ASPARAGUS SPRENGERI

Pkt., 100 seeds, 25 cts., oz. $1

AQUILEGIA Columbine

These early-flowering perennials are valuable cut-flowers, and the demand for them is constantly on the increase.

	Pkt.	Oz.
Long-spurred Strain. A very fine hybrid strain in an excellent assortment of colors	$0 15	$2 50
Californica hybrida. Yellow and orange shades	10	2 50
Chrysantha. Canary-yellow	10	2 50
Cærulea. Violet-blue and white	10	1 50
Rose Queen. Rose shades	15	5 00
Skinneri. Scarlet tipped with green	20	5 00
Double Mixed	10	25
Single Mixed	10	25

ANTIRRHINUM, GIANT-FLOWERING

ASTERS, High-Bred Strains

The selection of high-bred Asters has been our specialty. Our growers are furnished with the very best stock seed, and are paid or a quality selection of the seed.

S. & W. CO.'S LATE BRANCHING ASTERS

Aster, S. & W. Co.'s Late Branching

We cannot emphasize too strongly the merits of our strain of this grand Aster. It is much superior to Semple's Branching in vigor, size, and profuse-blooming qualities. Excellent for late cutting. Many of the best florists grow the S. & W. Co.'s strains of Late Branching Asters.

	Pkt.	¼oz.	Oz.
Pure White	$0 05	$0 50	$1 50
Lavender	05	50	1 50
Purple	05	50	1 50
Crimson	05	50	1 50
Shell-Pink	05	50	1 50
Rose-Pink	05	50	1 50
Mixture of above varieties	05	40	1 25

Aster, Queen of the Market. Early

Our stock of this grand, early-flowering Aster is the finest.

	Pkt.	¼oz.	Oz.
Selected White	$0 05	$0 50	$1 50
" Crimson	05	50	1 50
" Flesh-Pink	05	50	1 50
" Rose-Pink	05	50	1 50
" Dark Blue	05	50	1 50
" Light Blue	05	50	1 50
" Finest Mixed	05	40	1 50

Aster, Carlson or Invincible

Early-Flowering Branching Aster

No Aster has been esteemed more highly by the florist trade than this variety; it has good size and, by reason of excellent habit, long stems and blooms, it comes between our Queen of the Market and Ostrich Feather Asters.

	Pkt.	¼oz.	Oz.
White	$0 10	$0 50	$1 50
Pink	10	50	1 50
Lavender	10	50	1 50

Astermums

A splendid new race of American-raised Asters, selected from the Comet type. The plants are of upright growth, frequently having twelve to fifteen strong, sturdy stems 18 to 24 inches long, each carrying enormous flowers of splendid form, the petals completely covering the center so as to give the impression of one of the large Japanese chrysanthemums. Has been grown with excellent success this past season.

	Pkt.	¼oz.	Oz.
Snow-White	$0 10	$0 60	$2 00
Rose-Pink	10	60	2 00
Lavender	10	60	2 00

COLLECTION, 1 pkt. each of the above 3, 50 cts.

Aster, Giant Comet

Long narrow petals which curve at the ends give this flower the appearance of a Japanese chrysanthemum. Long stems.

	Pkt.	¼oz.	Oz.
Snow-White	$0 10	$0 60	$2 00
Rose	10	60	2 00
Light Blue	10	60	2 00
Shell-Pink	10	60	2 00
Dark Blue	10	60	2 00
Choice Mixed	10	50	1 50

Aster, Victoria Prize

A flat, solid, deep flower produced in masses on a compact, fairly dwarf plant. Good for pots.

	Pkt.	¼oz.	Oz.
White	$0 10	$0 60	$2 00
Rose	10	60	2 00
Crimson	10	60	2 00
Light Blue	10	60	2 00
Dark Blue	10	60	2 00
Choice Mixed	10	50	1 50

Aster, Ostrich Feather. Midseason

One of the finest of medium-early-flowering Asters, and should be more extensively grown. Blooms in our trials fully measured up to 6 inches and come uniformly double, the center petals slightly twisted, completely hiding the center. For vigorous habit, length of stem, freedom of bloom, as well as gigantic flowers, this type of Aster is unsurpassed.

	Pkt.	¼oz.	Oz.
White	$0 10	$0 60	$2 00
Rose	10	60	2 00
Dark Blue	10	60	2 00
Crimson	10	60	2 00
Syringa-Blue	10	60	2 00
Mixed	10	50	1 50

Various Asters of American Introduction

The following is a list of some well-known American favorites

Early Royal Asters

Considered by all florists who have grown them to be the best long-stemmed early Asters. The plants are vigorous and very productive, coming into flower immediately after the Queen of the Market and several weeks in advance of our Late Branching. We consider Early Royal Aster an ideal florist variety.

	Pkt.	¼oz.	Oz.
Early Royal White	$0 15	$0 60	$2 00
Early Royal Rose-Pink	15	60	2 00
Early Royal Shell-Pink	15	60	2 00
Early Royal Purple	15	60	2 00
Early Royal Lavender	15	60	2 00

Lavender Gem

Truly a gem, and easily the finest early lavender. The flowers are large and double and, being of the Ostrich Feather type, they resemble chrysanthemums. Pkt. 10 cts., ¼oz. 75 cts., oz. $2.50.

Improved Crego Pink

The plants are vigorous and productive of from ten to fifteen strong flower-stems frequently 2 feet or more in length. Pure shell-pink flowers, 4 to 5 inches; in bloom from mid-August on through September. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

Daybreak

Flowers very large and double, of a beautiful shell-pink. A grand Aster for pots or cutting, growing about 2 feet high. Popular late market sort. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

Purity

One of the best pure white market Asters. A counterpart of Daybreak, except in color—same form, habit and height. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

VICK'S MIKADO PINK ASTER

ROYAL PURPLE ASTER

Pink Enchantress

Upright in habit, as distinguished from the Branching form. The plant is very vigorous, and produces long, strong stems for the support of numerous large exhibition blooms. The flower is always full-double; petals are of medium length and very broad; those toward the center fold in very regularly, while gradually, toward the outer edge, the petals stand out more and more until those on the outside recede from the center, thus increasing the diameter of the flower, which compares very favorably in size with the largest-flowering kinds on our farm. Color similar to that of the Enchantress carnation; flowers late. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

Peach Blossom

A decided and pleasing shade of deep lavender-pink. The flowers are of the largest Branching size and very deep, having an unusual number of rather narrow petals. The size and thickness of the flower give it a massive effect. The plants are of the non-lateral type, with very strong stems that hold the flowers up at all times; flowers late. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

White Perfection

Finest midseason white Aster in cultivation. The flowers are 4 inches in diameter and exquisite in form, and the plants are taller than those of the late upright Asters. When first open the entire flower is whorled, producing a charming effect; the broad petals are slightly folded lengthwise, making them appear rather narrow. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

Vick's Mikado

In type, Vick's Mikado belongs to the Comet class. Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder as to make the fluffiest Aster we have seen.

Pink. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.
White. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

BALLOON VINE

	Pkt.	Oz.
Annual climber; pretty white flowers. ¼lb. 75c.	$0 05	$0 25

BALSAM. Lady's Slipper

Double Rose	Double Yellow	¼oz. 30c.	05	1 00
Double White	Double Scarlet			
Double Lavender	Double Mixed			

BARTONIA

Aurea. Dwarf edging plant with bright yellow flowers	05	50

BELLIS. English Daisy

	Pkt.	¼oz.	Oz.
Giant-flowering, Pink	$0 15	$1 00	$3 50
Giant-flowering, White	15	1 00	3 50
Longfellow, Pink	10	85	3 00
Snowball, White	10	85	3 00
Double Red, Quilled. (Extra Selected)	25	3 00	
Double Selected, Mixed	10	75	2 50

BEGONIAS

	Pkt.
Gracilis, Bonfire. Carmine-scarlet; metallic brown foliage. Trade pkt. $1, $\frac{1}{64}$oz. $4.	$0 15
Gracilis luminosa. Dark fiery scarlet. Trade pkt. 75 cts., $\frac{1}{64}$oz. $1.50.	15
Gracilis, Prima Donna. Pale rose; green foliage, tinted brown. Trade pkt. $1, $\frac{1}{64}$oz. $3.	15
Semperflorens Erfordii. Soft rosy carmine. Trade pkt. $1, $\frac{1}{64}$oz. $3.	15
Semperflorens, Rose. Pale rose. $\frac{1}{16}$oz. $1.	10
Semperflorens, Triumph. Pure white. Trade pkt. 75 cts., $\frac{1}{64}$oz. $1.50.	15
Semperflorens, Vernon. Bright orange-carmine; deep red foliage. Trade pkt. 25 cts., $\frac{1}{64}$oz. 50 cts.	10
Semperflorens, White. $\frac{1}{16}$oz. $1.	10

BROWALLIA

	Pkt.	Oz.
Elata. Blue, White or Mixed	$0 15	$1 00
Nana compacta. Blue; dwarf and compact	10	1 00
Speciosa major. New. Large, blue flowers; splendid winter-blooming species	10	

CALCEOLARIA

We have arranged with a grower of international reputation to grow the seed of this excellent greenhouse plant.

S. & W. Co.'s Giant-flowering Prize Strain in Mixture. Pkt. 50 cts.; Trade pkt. $1.

CAMPANULA. Bellflower (Perennial)

Are used extensively as border plants. Tall varieties, excellent for cutting.

	Pkt.	Oz.
Carpatica. Blue; dwarf, 6 inches	$0 10	$1 50
White. Dwarf, 6 inches	10	1 50
Persicifolia grandiflora. Blue. Grows 3 to 4 feet high; excellent for cutting	15	2 50
Persicifolia grandiflora. White	15	2 50
Pyramidalis, Chimney Bell. Blue and white	10	1 50

CAMPANULA MEDIUM. Canterbury Bell

A pretty biennial that may be had in bloom the first year from seed if sown early.

	Pkt.	Oz.
Single White	$0 05	$1 00
" Rose	05	1 00
" Blue	05	1 00
" Striped	05	1 00
" Mixed	05	75
Double Mixed	10	1 50

CAMPANULA CALYCANTHEMA
Cup and Saucer

White	10	2 00
Rose	10	2 00
Blue	10	2 00
Mixed	10	2 00

CALENDULA. Pot Marigold

	¼oz.	Oz.
Meteor. Double; yellow	$0 10	$0 25
Prince of Orange. Rich, dark orange	10	25
Sulphurea fl.-pl. Double; sulphur-yellow	10	25
Ranunculoides fl. pl. Double; striped	10	25
Pongeii fl.-pl. Double; white	10	25

CALLIOPSIS. Coreopsis (Annual)

	Pkt.	Oz.
Golden Wave. Orange-yellow	$0 05	$0 30
Marmorata. Marbled yellow	05	30
Tall Mixed	05	30

PERENNIAL CALLIOPSIS

Grandiflora. Golden yellow	10	50
Grandiflora lanceolata. Golden yellow; petals lanced	10	75

CANDYTUFT. Iberis

Our stock of this popular hardy annual is the best possible to procure. Where grown in rows for cut-flowers, best results can be obtained only by setting the plants at least a foot apart in the rows and 1½ feet between the rows.

	Pkt.	Oz.	¼lb.
S. & W. Co.'s Giant Hyacinth-flowered. Immense spikes of pure white flowers. lb. $8.	$0 15	$0 60	$2 00
Empress. Flat white flower-heads. lb. $4.	10	40	1 25
Queen of Italy. Excellent pink	10	50	1 50
Rose-Cardinal. Deep pink	10	1 00	2 50
Dunnett's Crimson. Deep crimson	10	40	1 25
Pink Beauty. Fine pink	15	50	
White Rocket. Large trusses; white. lb. $1.	05	25	75
Lilacina. Lilac; 1 foot	05	40	1 25
Purple	05	40	1 00

CANDYTUFT, Hardy

	Pkt.	¼oz.	Oz.
Iberis sempervirens. Excellent for edging hardy borders	$0 10	$0 75	$2 25

CANARY-BIRD FLOWER

	Pkt.	Oz.
Tropæolum canariense. Yellow	$0 05	$0 20

GIANT HYACINTH-FLOWERED CANDYTUFT

CENTAUREA CYANUS (Cornflower)

CARNATION

	Pkt.	Oz.
Giant Marguerite. Our strain of this grand Carnation is the best procurable. We offer this splendid cut-flower in separate colors of **Pink, White, Crimson, Scarlet, Striped** and **Mixed**. ¼oz. 60c.	$0 10	$2 00

CASTOR-OIL PLANT. Ricinus

	Oz.
Africanus. Large green foliage	$0 15
Zanzibarensis. Giant variety	15
Bourboniensis arboreus. Green foliage	15
Communis. Green foliage; 6 feet	15
Cambogensis. Leaves bronzy maroon	15
Gibsonii. Dark purplish red foliage; 6 feet	15
Duchess of Edinburgh. Dwarf; red foliage; 6 feet	15
Gibsonii mirabilis. Dwarf; compact	25
Sanguineus. Tricolor, red-spotted; 10 feet	15
Mixed	15

CELOSIA CRISTATA. Crested Cockscomb

	Pkt.	Oz.
Empress. Rich crimson	$0 25	$3 50
Glasgow Prize. Dark crimson	25	3 50
Aurea. Yellow	25	3 50
Mixed. A good mixture	25	2 50

CELOSIA PLUMOSA. Feathered Cockscomb

	Pkt.	Oz.
Ostrich-Plume. Yellow or Crimson, each	$0 10	$1 00
Ostrich-Plume. Mixed	10	1 00
Spicata	20	1 50
Thompsonii magnifica. Excellent crimson type of pyramidal growth, often attaining the height of 3 feet, with beautiful, feathered plumes	15	1 50
Thompsonii magnifica, Yellow	15	1 50
Thompsonii magnifica, Mixed	15	1 50

CENTAUREA CYANUS. Cornflower

	Pkt.	Oz.
Blue. Well-known blue	$0 05	$0 50
Rose	05	50
White	05	50
Victoria. Dwarf mixture for borders or pots	15	75
Mixed	05	40
DOUBLE BLUE. A variety largely used by the florist on account of its large size. Splendid for forcing	10	1 00
Double Mixed	10	60

CENTAUREA IMPERIALIS

Giant Sweet Sultan

One of the most popular hardy annuals for florists; grows about 4 feet high.

	Pkt.	Oz.
White. Best white for cutting; sweet-scented	$0 10	$0 75
Pink. Pink, white tinge	10	75
Purple. Brilliant rosy purple	10	75
Lilac. Beautiful lilac	10	75
Rose. Beautiful rose	10	75
Choice Mixed	10	75

CENTAUREA, VARIOUS

	Pkt.	Oz.
Candidissima. Dusty Miller. Thick, white leaves grown for foliage and used for edging	$0 10	$2 00
Gymnocarpa. Dusty Miller. Leaves fern-like and a trifle taller than Candidissima	10	1 00
Odorata, Light Blue. Beautiful large, light blue flowers; extensively forced under glass by florists; very fragrant	25	1 50
Odorata Margaritæ. A giant among the Centaureas; excellent for summer blooming as well as for forcing. Pure white flowers, sometimes 3 inches across	25	1 50
Suaveolens. Fine, large flower; pure yellow	10	1 00
Odorata, Chameleon. Sweet-scented; yellow and rose	25	1 50

CHRYSANTHEMUM. Annual

	Pkt.	Oz.
Beaconsfield. Single. White, pink center	$0 05	$0 30
Chameleon. Single. Brown with yellow center	05	50
Evening Star. Single. Large, golden yellow flowers.	05	50
Golden Queen. Double. Golden yellow flowers	05	50
Morning Star. Single. Large, cream yellow flowers.	05	60
The Sultan. Single. Deep scarlet	05	40
The Pearl. Double. White	05	60
Single Mixed	05	25
Double Mixed	05	30

CHRYSANTHEMUM. Perennial

Shasta Daisy, "Alaska." Pure white	25	2 00
Maximum. Common Shasta Daisy	10	40

CLARKIA

Single Mixed	05	50
Double Mixed	10	50

CINERARIAS

S. & W. CO.'S GIANT-FLOWERING MIXED. This strain of Prize Cineraria is grown for us by a famous English seed specialist. The flowers seldom measure less than 3 inches in diameter, comprising the following colors: White, rose, flesh, crimson, blue, violet, etc. The plants are of a very robust dwarf habit, which, combined with the mass of giant blooms, makes this strain exceedingly valuable

	Pkt.
Trade pkt. $1	$0 25

S. & W. CO.'S STELLATA. Delicate, star-like blooms are borne in great profusion on long stems, giving this variety a double use, as it is excellent for cutting as well as decorative purposes; all shades.

Tall Mixed—Trade pkt. $1	50
Dwarf Mixed—Trade pkt. $1	50

	Pkt.	Oz.
Maritima. Dusty Miller. For bedding or edging	$0 10	$0 50
Maritima, Diamond. Leaves pure white	25	1 00

COSMOS

Early-flowering, White	10	75
Early-flowering, Pink	10	75
Early-flowering, Crimson	10	75
Early-flowering, Mixed	05	60
Mammoth Late, White	05	50
Mammoth Late, Pink	05	50
Mammoth Late, Red	05	50
Mammoth Late, Mixed	05	40
Lady Lenox. One of the most widely grown pink Cosmos	10	50
Lady Lenox, White. This grand introduction has all the good qualities of the pink variety. It is fully the equal in size, blooms very profusely, and is in every way a very desirable addition	10	50

S. & W. CO.'S AMERICAN-GROWN

Cyclamen Seed

This seed is grown for us by one of the best growers of the Cyclamen in America.

They are unsurpassed in size of bloom, color, and substance.

The plants from which this seed is produced are selected only from those of superior bloom and foliage.

The germination of the seed we offer is 90 per cent.

	100 seeds	1,000 seeds
Fairy Queen. A very large, magnificent, frilled white, with a crimson eye	$2 50	$20 00
Pride of Cincinnati. A semi-double salmon; very large and free-flowering; one of the finest of its color	2 50	20 00
Glory of Wandsbek. Light and dark shades of salmon	2 25	18 00
Brilliant Red. Very large and fine	2 25	18 00
Christmas Cheer. Blood-red	2 25	18 00
Rosea Superba. A very pretty shade of shell-pink; large flower; excellent grower	2 25	18 00
Magnifica. Dark rose-pink; very fine	2 25	18 00
Victoria. White, tipped with pink; fringed edge	2 25	18 00
Daybreak. Delicate pink; very beautiful	2 25	18 00
Pure White. Very large	2 25	18 00
White, Pink Eye. Very large and fine	2 25	18 00
Lavender. Dark and light shades; very beautiful	2 25	18 00

COBAEA. Cup-and-Saucer Vine

	Pkt.	Oz.
Scandens. Purple flowers	$0 10	$0 50
Scandens alba. White	10	1 00

CONVOLVULUS. Morning-Glory

Dwarf Bedding, Mixed—lb. 75 cts.		20
Tall Climbing, Mixed		15
Giant Imperial Japanese. A magnificent advance over the old-fashioned kinds in color and size.	10	25

CYPRESS VINE (*Ipomoea Quamoclit*)

Crimson, White, Rose or Mixed. Each	05	30

DAHLIA

Double Mixed	10	1 00
Single Mixed	10	50
Cactus Mixed	10	1 00

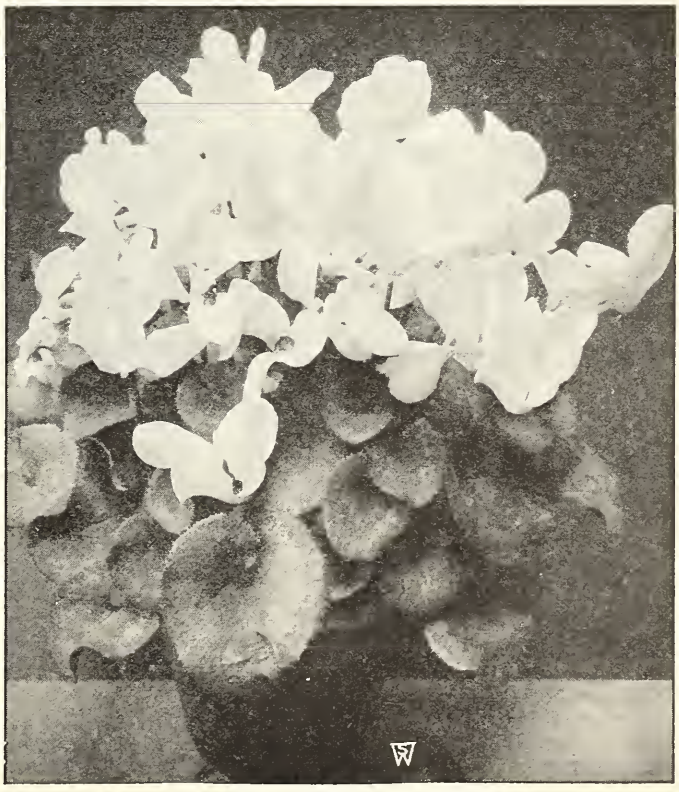
DIANTHUS, or PINKS

DOUBLE ANNUAL VARIETIES

China, or India Pinks, Mixed	05	50
Diadem Pink, Mixed. Lilac, crimson, and purple	10	1 00
Japan Pink, Heddewigii, Mixed. Colors varying from richest crimson to most delicate rose	10	1 00
Fireball. Brilliant crimson	15	1 25
Snowball. Pure white	10	2 00
Salmon King. Brilliant salmon-rose	10	2 00
Lucifer. Orange-scarlet; large blooms	15	2 75
Laciniatus, Mixed. Fringed	10	1 00

SINGLE ANNUAL VARIETIES

Crimson Belle. Rich crimson	10	75
Queen of Holland. White	10	75
Eastern Queen. Rose and mauve	10	1 00
Salmon Queen. Salmon	10	1 50
Vesuvius. Orange-scarlet	10	1 25
Laciniatus, Mixed. Fringed	10	1 00



GIANT-FLOWERED CYCLAMEN

DIANTHUS, HARDY GARDEN VARIETIES

	Pkt.	Oz.
Plumarius, Single Mixed. Large, fragrant flowers	$0 05	$0 50
" **Double Mixed.** Double, fringed, fragrant flowers of all colors, spotted and variegated	10	2 00
Scotch or Florists' Pinks. Vigorous and hardy; spring and summer, in all colors; clove-scented	25	
Latifolius atrococcineus. Double; red	15	2 00

DELPHINIUM. Perennial Larkspur

	Pkt.	Oz.
Belladonna. (Everblooming Hardy Larkspur.) Clear turquoise-blue. One of the finest	$0 15	$3 00
Chinense (Blue Butterfly). Distinct variety growing about 18 inches high; fine feathery foliage; large flowers of true gentian-blue	10	1 00
Chinense album. White form of the above	10	1 00
Cardinale. Cardinal-scarlet; 18 inches	15	2 00
Formosum. Deep blue cut-flower variety; 3 feet	10	1 50
Formosum cœlestinum. Sky-blue; 2 to 3 feet	10	2 50
Hybridum fl.-pl. A splendid mixture of all shades.	10	2 00
Nudicaule. Dwarf; scarlet; 18 inches	15	

DIGITALIS. Foxglove

Gloxiniæflora, White, Lilac, Purple, Rose, Yellow. Pkt. 5c., oz. 50c.
Gloxiniæflora, Mixed. Pkt. 5 cts., oz. 40 cts.
Monstrosa, Mixed. Pkt. 10 cts., oz. 75 cts.

DOLICHOS. Hyacinth Bean

	Pkt.	Oz.
Giant Crimson	$0 10	$0 50
Purple, or White	10	50

DRACAENA

Indivisa lineata. Long, slender leaves	10	50
Australis. Broad-leaved variety	10	50

ECHINOCYSTIS. Wild Cucumber

Lobata. Annual climber; useful for quick effect	05	30

EDELWEISS

Gnaphalium Leontopodium. Perennial alpine	25	3 50

ESCHSCHOLTZIA. California Poppy

	Pkt.	Oz.
Californica. Giant, pure yellow	$0 05	$0 25
Alba. White	05	25
Carminea. Carmine	10	25
Golden West. Large flower; pure golden	10	30
Mandarin. Orange and scarlet	10	25
Crocea. Double; orange	05	30
CARMINE KING. Lovely carmine-rose. Novelty.	10	75
DAINTY QUEEN. Beautiful new shade in this most popular Poppy; pale coral-pink	10	75
MIKADO. Orange-crimson. Brilliant and beautiful	10	75

EUPATORIUM. Thoroughwort

Fraseri. White; fine for cutting	10	50

EUPHORBIA

Heterophylla. Mexican Fire Plant. Ornamental foliage plant. Leaves glossy green, tipped orange-scarlet	10	50
Variegata. Ornamental foliage and white bracts.	10	50

FERNS. Spores

Adiantum cuneatum.	Pteris albo-lineata.
" Mixed.	" magnifica.
Aspidium Tsus-sinense.	" Mayii.
Cyrtomium falcatum.	" serrulata cristata.
Pteris adiantoides.	" " " variegata.
" cretica.	" Wimsetti.

Each variety, packet, 50 cts.

FEVERFEW

	Pkt.	Oz.
Matricaria. Double; white; excellent for cut-flowers	$0 10	$0 50

FORGET-ME-NOT. Myosotis

	Pkt.	¼oz.
Alpestris, Royal Blue. Rich indigo-blue; 9 inches.	$0 05	$0 75
Alpestris robusta grandiflora. Clear blue; large flowers; 10 inches	05	1 00
Alpestris, Victoria. Very dwarf; fine for edging	05	1 00
Dissitiflora. Later flowering than above sorts. 10 inches	05	1 00
Palustris semperflorens. Large; blue; begins flowering in May, continues throughout season	10	1 50
Ruth Fischer. The latest and one of the finest large-flowering varieties, flowers up to ½ inch in diameter; exceptional value for pot culture or bedding	20	

FOXGLOVE. See Digitalis

FOUR O'CLOCK. Marvel of Peru

Finest Mixed	¼lb. 75 cts.	25

FUCHSIA

	100 seeds	1,000 seeds
Single and Double Mixed	$0 60	$4 50

GAILLARDIA

ANNUAL VARIETIES

	Pkt.	Oz.
Aurea. Ruby-yellow	$0 05	$0 50
Picta Lorenziana. Double; finest mixed; an excellent florists' cut-flower	05	50

PERENNIAL VARIETIES

May be had in flower first year from seed. Bloom continuously whole season; excellent for border or cutting.

	Pkt.	Oz.
Kermesina splendens. Crimson, border yellow	$0 10	$1 25
Sanguinea. Blood-red	15	75
Grandiflora. Mixed	10	50
Sulphurea oculata. Sulphur-yellow, maroon eye	15	1 00

GLOXINIA

S. & W. Co.'s. Our strain of large-flowered, hybrid Gloxinias is the best procurable	Pkt. $0 25

GERANIUM

	Pkt.	Oz.
Scarlet Zonale	$0 25	$2 00

GLOBE AMARANTH. Gomphrena

White, Red and Mixed. Each	10	50

GODETIA. Satin Flower

Lady Satin Rose. Brilliant carmine	05	50
Duchess of Albany. Satiny white	05	50
Princess of Wales. Beautiful pink	05	50
New Lavender. Bright lavender	10	

GOURDS. Ornamental

Orange-shaped. Mock Orange	05	25
Luffa. Dish-rag	05	25
Apple-shaped	05	25
Dipper. Used for holding water	05	25
Hercules' Club. Club-shaped; 4 feet	05	25

GREVILLEA

Robusta. Silk Oak	¼lb. $2.25	10	75

GYPSOPHILA. Baby's Breath

Elegans grandiflora alba. Annual; large, white flowers	¼lb. 75 cts., lb. $2	05	20
Elegans grandiflora alba rosea. Delicate rose		10	30
Paniculata. Perennial variety; white; popular and best of its class	¼lb. $1	05	30

HELICHRYSUM. Straw Flower

	Pkt.	Oz.
Monstrosum. Double mixed	$0 10	$0 75

HELIOTROPE

Lemoine's Giant Hybrids. Large flowers	10	2 00
Finest Mixed	05	1 00

HELIOPSIS. Orange Sunflower

Pitcheriana. Hardy perennial; excellent for cutting	10	50

HEUCHERA. Alum Root

	Pkt.	Oz.
Sanguinea. Alum Root. Hardy perennial; dwarf; crimson flowers	$0 25	$1 50

HOLLYHOCK

By special arrangement, we have secured seed from a grower in England who has, at great expense and effort, grown seed of the famous Chater's Hollyhock on the grounds where the original fine strain was first grown and we offer the true strain in the following colors.

CHATER'S SUPERB DOUBLE—Cerise, Lilac, Scarlet, Crimson, Pink, White, Primrose, Yellow, and Mixed.

Each, pkt. 25 cts., ¼oz. $3, oz. $10

CHATER'S SUPERB SINGLE—Pink, Scarlet, Purple, White, Yellow, and Mixed.

Each, pkt. 25 cts., ¼oz. $2, oz. $7

S. & W. CO.'S SUPERB DOUBLE. This is a selected strain from another grower which we can offer in mixture only. The selection has been made, however, with great care. **Pkt. 15 cts., ¼oz. $2, oz. $7.**

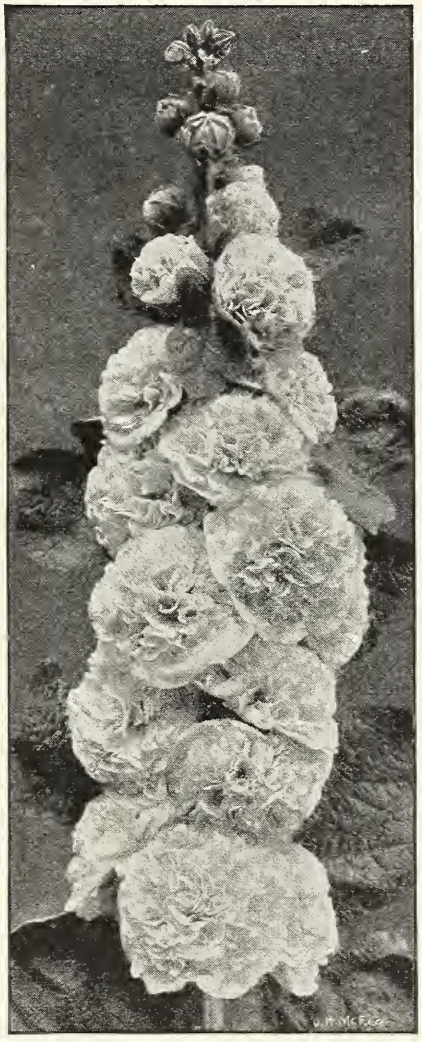
HUMULUS. Japanese Hop

	Pkt.	Oz.
Japonicus. Green foliage	$0 05	$0 50
Variegatus. Leaves mottled white	05	75

HUNNEMANNIA

FUMARIÆFOLIA. Giant Yellow Tulip Poppy. May be had in flower from September until frost. Sow outdoors in May. Plants grow about 2 feet high. Flowers are tulip-shaped, pure yellow. Excellent cut-flower—will last a week in water

¼lb. $1.25	05	40



S. & W. CO.'S SUPERB DOUBLE HOLLYHOCKS

IMPATIENS. Sultan's Balsam

	Pkt.	Oz.
Holstii. Excellent pot-plant, 1½ to 2 feet high; brilliant vermilion. Trade pkt. 50 cts.	$0 25	
Sultani. Brilliant rosy scarlet. Trade pkt. 50c.	25	

IPOMOEA

Bona nox. Large, blue flowers	10	$0 75
Mexicana alba. Pure white	10	50
Hederacea. Sky-blue, white margins	10	75

KENILWORTH IVY. Linaria

Cymbalaria. Pink; for baskets	10	2 00

KOCHIA. Summer Cypress

	Pkt.	Oz.
A very popular garden annual	$0 10	$0 50

KUDZU VINE

Pueraria	10	1 00

LANTANA

Dwarf Mixed	05	40

LAVANDULA

Sweet Lavender	10	35

LAVATERA

Splendens rosea. A splendid annual which can be used for cutting or decorative work	05	30

LARKSPUR. Annual

Tall Double Stock-Flowered

This is the finest variety of the annual Larkspurs. Flowers very double, plants attaining a height of 3 feet, and flowering profusely all summer.

	Pkt.	Oz.
Snowstorm. Pure white.		
Stella. Sky-blue		
Loveliness. Shell-pink.		
Attraction. Bright pink.		
King of the Blues. Dark blue.		
Violet Queen. Violet.		
Lilac Perfection. Lilac.		
Mixed. All shades.		

Price of any of the above, pkt. 5c., oz. 50c.

Tall Mixed. Pkt. 5 cts., oz. 40 cts.
Dwarf Mixed. Pkt. 5 cts., oz. 40 cts.

LATHYRUS. Perennial Pea

	Pkt.	Oz.
Latifolius, White	$0 10	$1 50
" Delicate Rose	10	1 50
" Red	05	1 50
" Mixed	05	1 00

LINUM. Flax

Grandiflorum rubrum. Scarlet Flax	05	25

LOBELIA

COMPACTA VARIETIES. For pots

	Trade pkt.	Oz.
S. & W. Co.'s Blue. Light blue	$0 50	$4 00
Pumila splendens. Dark blue, white eye	50	3 50
Pumila alba. Pure white	35	2 00
Crystal Palace. Dark blue; popular	50	4 00

ERINUS VARIETIES. Trailing. For baskets and beds

	Trade pkt.	Oz.
Speciosa. Dark blue; dark foliage	$0 35	$1 50
Barnard's Perpetual. Deep blue, white eye	35	2 00
Alba. Pure white	35	2 00
Prima Donna. Velvety maroon	25	1 50

HARDY VARIETIES

	Pkt.
Cardinalis. Scarlet flowers	$0 15
" **Lugduensis.** Rose	25

LYCHNIS. Perennial

Chalcedonica. Rich scarlet	10	50
Sieboldii. White	10	1 00

LUPINE (Annual)

May be had in bloom in a short time. Forced into bloom in six weeks; are very attractive, and a florists' good cut-flower.

	Pkt.	Oz.
White	$0 05	$0 25
Rich Blue	05	25
Sky-Blue	05	25
Red	05	25
Yellow	05	25
Mixed	05	25

PERENNIAL LUPINE

	Pkt.	Oz.
Polyphyllus roseus. Soft pink	$0 15	
Mixed	05	$0 50

MARIGOLDS

TALL AFRICAN VARIETIES

	Pkt.	Oz.
Double Mixed. Splendid mixture	$0 05	$0 60
Orange Yellow	05	75
Light Yellow	05	75
Orange Quilled	05	75
Lemon Quilled. Pure	05	75
Eldorado. Flowers large, imbricated	05	75

DWARF FRENCH
Height about 12 inches

	Pkt.	Oz.
Finest French Mixed	$0 05	$0 50
Legion of Honor. Yellow and red	05	50
Lutea. Pure yellow	05	50
Little Brownie. Excellent for pots; produces bushes 5 to 6 inches in height; profuse bloomer	05	50

MATTHIOLA

Bicornis. Night-scented Stock	05	25

MAURANDIA

Barclayana. Purple	10	2 50
Choice Mixed	10	2 50

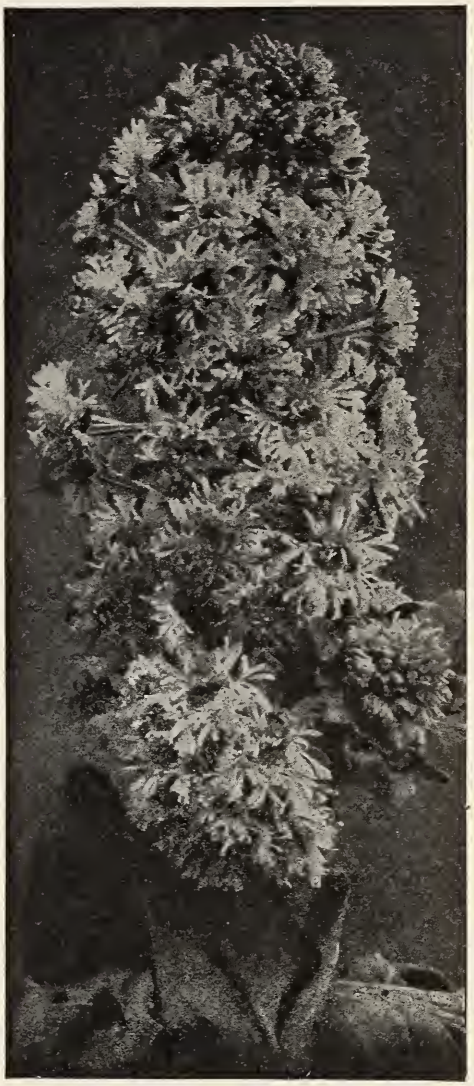
MESEMBRYANTHEMUM. Ice Plant

	Pkt.	Oz.
Crystallinum	$0 05	$0 40

MIGNONETTE

S. & W. Co's Triumph. This Mignonette is one of the choicest varieties for winter forcing. In type similar to Allen's Defiance, except that spikes are more compact and the individual florets are much larger in size. Seed of this grand variety is grown in our greenhouses, and is saved from the best spikes. Plants grow from 2 to 3 feet high, producing flower-spikes up to 20 inches long. Florists should try this Mignonette

	Pkt.	Oz.
	$0 25	$6 00
Allen's Defiance. Popular florists' variety; our strain is the best procurable	10	1 50
Bismarck. New improved	10	2 50
Goliath. Red giant spikes	10	2 00
Grandiflora. True large-flowered lb. $1.50	05	25
Golden Queen. Compact habit; flowers yellow	10	50
Machet Perfection. Excellent for pots; thick spikes of reddish flowers lb. $8	10	75
Ruby. Excellent Machet; coppery scarlet flowers	10	1 50



S. & W. CO.'S TRIUMPH MIGNONETTE

MIMULUS. Musk Plant

	Pkt.	Oz.
Moschatus. Musk Plant ¼oz. $1	$0 10	$3 00
Splendid Mixed	05	1 00

MOMORDICA

Balsamina. Balsam Apple lb. $2.50	05	25
Charantia. Balsam Pear lb. $2.50	05	25

MONARDA Perennial

Didyma. Large heads of deep crimson flowers	25

MYOSOTIS. See Forget-me-not

NASTURTIUM

DWARF or TOM THUMB VARIETIES

	Oz.	Lb.
Aurora. Salmon-rose	$0 15	$1 50
Beauty. Light scarlet, splashed canary	15	1 50
Brilliant. Rich scarlet	15	1 50
Chameleon. Splashed crimson, bronze and yellow	15	1 50
Cloth of Gold. Golden foliage; flowers scarlet	15	1 50
Crystal Palace Gem. Sulphur, spotted maroon	15	1 50
Empress of India. Brilliant crimson; dark foliage	15	1 75
King Theodore. Scarlet-maroon; dark foliage	15	1 75
King of Tom Thumbs. Crimson	15	1 75
Lady Bird. Orange-yellow; red spots	15	1 75
Luteum. Light yellow; no blotches	15	1 50
Pearl. Pure white	15	1 50
Crimson	15	1 50
RUBY KING. Light ruby-red	15	1 75
S. & W. Co.'s Special Mixed	15	1 25
S. & W. Co.'s Giant Mixed	20	2 00

TALL or CLIMBING VARIETIES

Chameleon. Splashed crimson, bronze and yellow	15	1 50
Dunnett's Orange. Rich golden orange, garnet blotches	15	1 50
Yellow	15	1 50
King Theodore. Velvety dark crimson; dark foliage	15	1 50
Pearl. Cream-white	15	1 50
Prince Henry. Cream-color, spotted red	15	1 50
Schulzi. Scarlet	15	1 50
Rose. Blush-rose	15	1 50
Dark Crimson	15	1 50
Sunlight	15	1 75
Moonlight	15	1 75
Jupiter	15	1 75
S. & W. Co.'s Special Mixed	15	1 25
New Giant-flowering. The plants are strong and vigorous, with very large, bright green leaves; flowers 3 inches across. Mixed ¼lb. 50c	15	1 35

NEMOPHILA

	Pkt.	Oz.
Fine Mixed	$0 10	$0 20

NICOTIANA

	Pkt.	Oz.
Affinis. An annual, with sweet-scented, pure white, star-shaped flower; splendid for cutting.	$0 05	$0 50
Giant Red-flowered	05	50

NIGELLA. Love-in-a-Mist

Damascena. Blue	05	40
Miss Jekyll. Bright blue	10	50

OXALIS

Floribunda alba	25	4 00
" **rosea**	25	4 00

PASSION FLOWER

Blue	10	1 00
White	10	1 00

S. & W. CO.'S GIANT PANSIES

Pansies, S. & W. Co.'s Giant Strains

Mixtures

Our Mixtures of Pansies are made up with a thorough knowledge of the requirement for the florist, and are composed of only the best and choicest varieties.

S. & W. Co.'s Non Plus Ultra

Our Non Plus Ultra Pansy Mixture contains the largest, handsomest, most perfect varieties ever sent out. The beautiful coloring and variety of marking give a bed of these Pansies a most brilliant appearance. The seed has been saved from the greatest assortment of types, including only the best of Giant Cassiers, Bugnots, Trimardeaux, and Giant English, French and German strains.

	Pkt.	¼oz.	Oz.
FINEST QUALITY	$0 15	$1 50	$5 00

S. & W. Co.'s Giant Sorts in Separate Colors

	Pkt.	¼oz.	Oz.
Giant Azure-Blue	$0 10	$1 25	$4 00
Giant Adonis. Light blue	10	1 25	4 00
Giant Dark Blue. Bright blue	15	1 25	4 00
Giant Fire King	15	1 25	4 00
Giant Lord Beaconsfield	15	1 25	4 00
Giant Purple	10	1 25	4 00
Giant Snow-White	10	1 25	4 00
Giant White. Dark eye	10	1 25	4 00
Giant Yellow. Pure	10	1 50	5 00
Giant Yellow. Dark eye	10	1 25	4 00
Giant Mixed, S. & W. Co.'s Special	10	1 00	3 00

Special Types

Bugnot's. Large strains; mixed	25	1 75	6 00
Odier. Finest mixed	15	1 50	5 00
Cassier's Large-flowering Mixed. A splendid mixture of most brilliant colors and markings. All extra-large flowers produced in the greatest profusion	15	1 25	4 00
Masterpiece. Superb new class of blotched Pansies with large blooms, mostly undulated or curled. Beautiful rich colors.	50	1 75	6 50
Elite Mixture	05	75	2 50
English. Fine mixed	05	65	2 00

PENTSTEMON

	Pkt.	Oz.
Giant-flowered Hybrids, Mixed	$0 25	
Sensation. Annual variety; mixed colors	15	
Barbatus Torreyi. Perennial; scarlet	10	$1 00
Digitalis (Foxglove Pentstemon). Flowers white, with purple throat	10	50
Pulchellus hybridus. Forms pyramidal bushes, 2 to 3 feet high; flowers in shades from rosy-white and chamois to purple, with veined throats	10	50

OUR STRAINS OF PANSIES have been used by many of the leading florists throughout the country, and we have received many testimonials in regard to their qualities.

DOUBLE FRINGED PETUNIA

PETUNIA

Our strains of Petunia cannot be surpassed for size of flower or range of colors. They are grown in Europe for us by a specialist.

SINGLE-FLOWERING

	Pkt.	Oz.
GIANT SINGLE FRINGED. Our strain of this grand Petunia is the finest procurable. Flowers are large and elegantly fringed. **White, Yellow, Rose, Crimson** and **Mixed**.....$\frac{1}{64}$oz. $2	$0 25	
Balcony Blue. Splendid; free-flowering type, either for bedding or window-boxes. Flowers average 3 inches across; indigo-blue	15	
Balcony Rose. Brilliant rose-pink	15	
Balcony Red. Bright red	15	
Crimson. Crimson	10	$1 50
Countess of Ellesmere. Rose, white throat	10	1 00
Howard's Star. Crimson, white star	10	3 50
Inimitable Compacta. Striped and star-shaped	10	3 50
Julius Wolff. Light blue	15	
Rosy Morn. Carmine-pink	15	3 00
Rose of Heaven. More brilliant than Rosy Morn.	15	
Snowball. Compact, dwarf; white	10	
Snow Queen. Pure white	15	

DOUBLE-FLOWERING

GIANT DOUBLE FRINGED. Our strain of Double Fringed Petunias have been grown by the most critical florists and gardeners in the United States, and pronounced superb; all shades and colors represented. **Mixed**.....Trade pkt. $1	35	
Giant Double Fringed. Separate colors: **White, Rose** or **Crimson**.....Trade pkt. $1	35	
DOUBLE MIXED. An excellent mixture of plain-edged double varieties	15	

PORTULACA

	Pkt.
Single, Mixed. Large-flowering	$0 05
Double, Mixed. Large-flowering	10

POPPIES

SINGLE ANNUAL VARIETIES

	Pkt.	Oz.
Shirley. Carmine shades	$0 05	$0 75
" Rose shades	05	75
" Salmon shades	05	75
" White shades	05	75
" All shades mixed	05	50
ADMIRAL. Beautiful, new, smooth-edged flowers, glistening white with broad band of brilliant scarlet around the top	10	75
Danebrog. Brilliant scarlet with silvery spot on each petal	05	25
Glaucum. Tulip Poppy	10	50

DOUBLE ANNUAL VARIETIES

AMERICAN FLAG. White, margined orange-scarlet; extra fine and large	05	25
Carnation-flowered Mixed	05	1 00
White Swan. Immense flowers; beautifully fringed.	05	25
Peony-flowered Mixed	05	25

PERENNIAL VARIETIES

	Pkt.	¼oz.
Bracteatum, Scarlet. Orange-scarlet	$0 10	
Iceland, Nudicaule. Scarlet; single	10	$0 75
" " White; single	10	75
" " Yellow; single	10	75
" " Single Mixed	10	50
" " Double Mixed	10	50
Oriental. Finest mixed	10	50

SHIRLEY POPPIES

TALL LARGE-FLOWERING PHLOX DRUMMONDII

PHLOX DRUMMONDII

DWARF, LARGE-FLOWERING

	Pkt.	¼oz.	Oz.
Chamois-Rose. Shell-pink	$0 10	$1 25	$4 00
Defiance. Brilliant crimson	10	1 25	4 00
Fireball. Scarlet	10	1 25	4 00
Purple. Purple	10	1 25	4 00
Snowball. Pure white	10	1 25	4 00
Surprise. Vermilion, white center	10	1 25	4 00
Finest Dwarf Mixed	10	1 00	3 50

TALL, LARGE-FLOWERING

	Pkt.	¼oz.	Oz.
Brilliant. Finest crimson	$0 10	$0 60	$2 00
Carmine. Carmine, white eye	10	60	2 00
Chamois-Rose. Shell-pink	10	60	2 00
Isabellina. Tea-rose-yellow	10	60	2 00
Purple. Deep purple	10	60	2 00
Scarlet. Rich scarlet	10	60	2 00
White. Pure white	10	60	2 00
Finest Tall Mixed	10	50	1 75
Drummondii	10	40	1 50
Star of Quedlinburg, Mixed	10	75	2 00
Perennial Sorts, Mixed	10	1 25	4 00
Perennial Red Sorts	15	1 50	5 00

PRIMULA. Primrose

S. & W. Co.'s Superb Strains

The strains of Primula offered below are specially grown for us by a famous English Primula specialist, and are selected from the finest and best-developed plants. Seed sown in April will bloom during early winter; August for spring blooming. Sow in shallow pans, in soil consisting of part sand and leaf-mold worked through a fine sieve, and allow for good drainage. Cover seeds lightly and water frequently; give a temperature of about 65 degrees.

PRIMULA OBCONICA GIGANTEA

This type of Primula outrivals the old Obconica type, the flowers being considerably larger, often measuring 1½ inches in diameter. For pot culture as well as for the open border, this type is very useful.

	Pkt.	Trade pkt.
Kermesina. Rich crimson	$0 15	$0 50
Rosea. Rose	15	50
Alba. White	15	50
Lilacina. Beautiful lilac	15	50
Mixed	15	50

PRIMULA CHINENSIS

Individual flowers and clusters of immense size; elegantly fringed flowers.

Giant Single, Blue
" " Crimson
" " Ruby Queen
" " Salmon
Giant Single, White (Fern-leaved)
" " Mixed

Each, packet 50 cts.

Giant Double, White
" " Scarlet
" " Blue
Giant Double, Rose-Pink
" " Salmon-Pink
" " Mixed

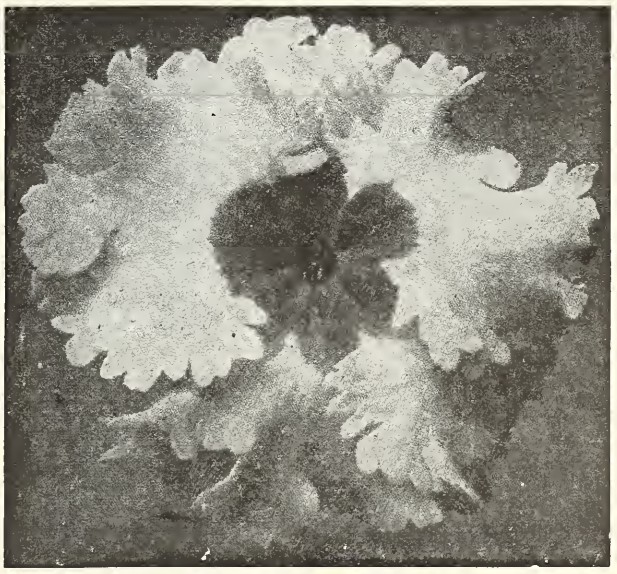
Each, packet 50 cts.

PRIMULA STELLATA

A very pretty form with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes.

White Star
Salmon-Pink
Crimson Star
Blue Star
Rosy Star
Mixed

Each, packet 50 cts.



S. & W. CO.'S GIANT PRIMULAS

PRIMULA KEWENSIS
Verbena-Scented Yellow Primrose

Of strong, vigorous growth, producing numerous spikes, each 12 to 18 inches long, and bearing four to six whorls of bloom; color soft yellow. Pkt. 25 cts.

PRIMULA, OTHER VARIETIES

	Pkt.	Oz.
Forbesi. Baby Primrose	1/16oz. $1.50	$0 15
Veris. Cowslip. Mixed	10	$2 00
Vulgaris. English Yellow Primrose	25	

PYRETHRUM

	Pkt.	Oz.
Parthenifolium aureum. Golden Feather. Used as a foliage plant for bedding	$0 05	$0 75
Roseum. Pink; for cutting	25	
Uliginosum. Giant White Daisy	10	2 00
Hybridum. Single mixed	10	2 00
" Double mixed 1/8oz. $2..	25	

RHODANTHE, Everlasting Flower

	Pkt.	Oz.
Mixed. Hardy annual.	$0 10	$1 00

RICINUS. See Castor-Oil Plant

SALPIGLOSSIS

Superbissima. (Orchid-flowered.) This is considered the finest type of Salpiglossis for cutting.
Purplish Violet.
Pink. Bright pink.
Light Blue. Veined gold.
Golden Yellow. Rich yellow.
Scarlet. Bright scarlet.
Brown with Gold.
Finest Mixed.

Pkt. 10 cts., 1/4oz. 50 cts., oz. $1.50

	Pkt.	Oz.
EMPEROR. A new type that resembles a miniature tree; free-flowering; blooms not quite so large as the Grandiflora	$0 10	$1 25

SALVIA

Our strains of Salvias have all been grown especially for us and have been selected from specimen blooms.

BONFIRE. Undoubtedly one of the best Salvias for bedding purposes. Long, stiff spikes of brilliant scarlet flowers. Trade pkt. 25 cts., 1/4oz. 75c., oz. $2.50.

Splendens. Scarlet Sage. Beautiful, bright scarlet; grows about 3 feet. Trade pkt. 25c., 1/4oz. 60c., oz. $2.

ZURICH. A very early, free-flowering variety of the Splendens type, the plant not exceeding 12 inches in height, of compact habit, and bearing a great profusion of brilliant scarlet flowers. Trade pkt. 25 cts., 1/4oz. $1.25, oz. $4.50.

Patens. Rich, deep blue; fragrant. Trade pkt. 50 cts.

STOCKS

Our strains of Stocks have become well known to the market-florists of New York and elsewhere as being of highest quality. Our seeds of this grand flower are grown especially for us, and are gathered from plants growing in pots, thereby giving the finest selection.

For Easter and Memorial Day, Stocks are among the most valuable flowers to grow. Seeds sown up to the middle of February will secure excellent blooming plants for Memorial Day trade.

S. & W. CO.'S GIANT PERFECTION STOCKS

S. & W. CO.'S IMPROVED GIANT PERFECTION

These Stocks are the very finest of all for cutting. Of splendid pyramidal growth, with long spikes of large, double flowers. Height, 2 to 2½ feet.

All of our Stock seed is produced from plants in pots.

	Trade pkt.	1/4oz.	Oz.
White	$0 50	$1 00	$3 00
Chamois-Rose	50	1 00	3 00
Fiery Crimson	50	1 00	3 00
Light Blue	50	1 00	3 00
Dark Blue	50	1 00	3 00
Purple	50	1 00	3 00
Sulphur-Yellow	50	1 00	3 00
Mixed	50	1 00	3 00

S. & W. CO.'S LARGE-FLOWERING DWARF BOUQUET

Our stock of Large-flowering Dwarf Bouquet Stocks is grown with the greatest care and is the finest dwarf variety for growing for pot plants.

	Trade pkt.	1/4oz.	Oz.
White	$0 50	$1 00	$3 00
Brilliant Rose	50	1 00	3 00
Pale Pink	50	1 00	3 00
Fiery Crimson	50	1 00	3 00
Light Blue	50	1 00	3 00
Dark Blue	50	1 00	3 00
Sulphur-Yellow	50	1 00	3 00
Mixed	50	1 00	3 00

Winter-Flowering Stocks

The following varieties of Stocks are in every way among the best.

Price, any of the following varieties, trade pkt. 50 cts. 1/4oz. $1, oz. $3

Almond Blossom. White, shaded carmine; strong spikes; large blooms.

Beauty of Nice. Delicate flesh-pink; strong spikes; large blooms.

Crimson King. Rich blood-crimson; strong spikes of large blooms.

Mont Blanc. A pure white variety; excellent for cutting; flowers large.

Monte Carlo. Splendid shade of canary-yellow; strong spikes of large blooms.

Queen Alexandra. Exquisite shade of lilac-rose; of grand, robust habit.

Summer Night. Rich deep shade of blue; strong spikes of large blooms.

SCABIOSA. Mourning Bride

IMPROVED DOUBLE LARGE-FLOWERING

	Pkt.	Oz.
Azure Fairy. Lavender-blue	$0 05	$0 75
Fiery Red. Bright red	05	75
Pompadour. Purple-black	05	75
King of the Blacks. Very black	05	75
Flesh-color	05	75
Pure White	05	75
Tall Mixed	05	50
Dwarf Mixed	05	50

SCHIZANTHUS. Butterfly Flower

GARAWAY'S HYBRIDS. Considered by many professional gardeners as the finest strain of this splendid pot-plant and cut-flower. Colors in mixture of white, buff, rose, and brown shades. **Seed direct from originators.** Pkt. 75 cts.

	Pkt.	Oz.
Wisetonensis. Various colors	$0 25	

SHAMROCK

True Irish	25	$1 00

SOLANUM

Capsicastrum (Jerusalem Cherry). Excellent when grown as a red-berried pot plant for Thanksgiving and Christmas sales	10	1 00
Yellow Queen (Jerusalem Cherry). This novelty is a very pretty yellow form of the above	25	2 00

STEVIA

Serrata. Fragrant white flowers	05	1 00

SMILAX

A greenhouse climber used very extensively for floral decoration.

	Pkt.	Oz.
Cultivated Seed ¼lb. $1, lb. $3.50	$0 10	$0 35

SUNFLOWER. Helianthus

	Pkt.	Oz.
Cucumerifolius, Stella. Improved single yellow, black center	$0 05	$0 50
Cut-and-Come-Again. Mixed	10	50
Globosus fistulosus. Double mixed; large flowers	05	15
Dwarf Double. Extra fine	05	50
Perkeo. A miniature plant, 24 inches high; single	10	1 00
Diadem. Single, large-flowering, citron-yellow	10	75
Missouriensis. Fine double yellow; perennial	15	75
Multiflorus. Best double for cutting	10	50
Russian. Large; yellow ..... lb. 50 cts.	05	10

SWEET SULTAN. See Centaurea

SWEET WILLIAM. Dianthus barbatus

	Pkt.	Oz.
Single White	$0 05	$0 35
" **Crimson**	05	35
" **Scarlet**	05	35
" **Red, Margined White**	05	35
" **Black-Red**	05	35
" **Finest Mixed**	05	30
Double Pure White	10	1 00
" **Dark Red**	10	2 00
" **Mixed**	05	1 00
Holborn Glory. Extra-large flowers; finest shades in single Sweet Williams; distinct, large eye	10	75

THUNBERGIA. Black-eyed Susan

Alata. Buff, dark eye	05	75
Alba. White, dark eye	05	75
Fryeri. Brown	05	75

TORENIA

Fournieri grandiflora. Blue	10	2 50

TRITOMA

	Pkt.	Oz.
Uvaria grandiflora. Red-Hot-Poker Plant. Spikes of orange-scarlet flowers	$0 10	$1 50

VERBENA

S. & W. Co.'s Mammoth Fancy Strain

Our Mammoth Fancy Strain of Verbenas is the best procurable. It cannot, we believe, be excelled for freedom of bloom, size or color.

	Pkt.	¼oz.	Oz.
Mammoth Fancy, Pink	$0 05	$0 50	$1 50
" " **Defiance.** Scarlet	05	50	1 50
" " **Blue**	05	50	1 50
" " **White**	05	50	1 50
" " **Mixed**	05	40	1 25
Hybrida Selected, Mixed	05	25	75
Lemon-scented (*Aloysia citriodora*)	10	30	2 50

VALERIANA. Garden Heliotrope

	Pkt.	Oz.
Mixed. Perennial; fragrant	$0 10	$0 40

VINCA

Excellent bedding plant; sow seeds early.

Alba. Pure white	10	1 00
Rosea. Bright rose	10	1 00
Rosea alba. White, with rosy eye	10	1 00
Mixed	10	75

VIOLA CORNUTA. Tufted Pansies

Admiration. Large; dark blue	25	3 00
Purple Queen	10	3 00
Mauve Queen	10	3 00
Alba. White	10	3 00
Papilio. Blue with white	10	3 00
Perfection. Light blue; large-flowered, long bloomer	10	3 00

WALLFLOWER

Double Brown ¼oz. $1.25	10	4 00
" **Yellow** ¼oz. $1.25	10	4 00
Paris Extra-Early. Flowers the first season from seed	10	75

WAHLENBERGIA. Chinese Bellflower

	Pkt.	Oz.
Grandiflora, Blue. Perennial	$0 10	$1 50
" **White.** Perennial	10	1 50

S. & W. CO.'S ZINNIAS

Our Zinnias will bear comparison with the best; there are, doubtless, many as good, but none better.

	Pkt.	Oz.
Giant Double-flowering Tall Crimson	$0 15	$1 50
" " " **Yellow**	15	1 50
" " " **Rose**	15	1 50
" " " **White**	15	1 50
" " " **Mixed**	15	1 50
Dwarf Double-flowering Scarlet	05	75
" " **Pink**	05	75
" " **White**	05	75
" " **Yellow**	05	75
" " **Mixed**	05	75

VARIOUS ZINNIAS

Curled and Crested. Large; double; petals curled and crested	10	75
Striped and Zebra. Grow about 18 inches; large; double; striped and mottled	10	50
Haageana. Mexican Zinnia. A dwarf variety, with deep orange-colored flowers	10	75
Nana compacta. Dwarf; double. Mixed, for pots.	10	50

New Giant Waved or Spencer SWEET PEAS

SPENCER SWEET PEAS

There is no other flower that ranks greater in importance to the florist than Sweet Peas. Since the introduction of Countess Spencer some years ago they have steadily grown in favor. The florist may obtain any of his favorite colors of the Grandiflora type in the Spencers.

Flowers gigantic in size (often 2 inches in diameter), stems stiff, 12 to 15 inches long; the foliage and flower extraordinary in appearance.

	Oz.	¼lb.	Lb.
WHITE			
Constance Hinton. The best black-seeded white Spencer	$0 40	$1 25	$4 00
White Spencer. Clear white; much superior to any of the Grandiflora varieties	40	1 25	4 00
Etta Dyke. Pure white	35	1 00	3 50
King White. New white	50	1 50	4 50
PINK			
Agricola. Blush-pink	40	1 25	4 00
Countess Spencer. Bright pink	35	1 20	3 50
Dainty Spencer. White ground, edge of rose-pink	40	1 25	4 00
Elfrida Pearson. Pale pink	50	1 50	4 50
Florence Morse Spencer. Distinct shade of blush-pink	40	1 25	4 00
George Herbert Spencer. Rosy pink	35	1 00	3 50
Hercules. Glorified Countess Spencer	50	1 50	4 50
Margaret Atlee. Warm salmon-pink, very exquisite color	40	1 25	4 00
Mrs. Hugh Dickson. Beautiful cream-pink	35	1 00	3 50
Mrs. C. W. Breadmore. Cream ground, edge of pink	40	1 25	4 00
Mrs. Routzahn Spencer. Blush-pink shaded apricot	40	1 25	4 00
ORANGE AND SALMON			
Barbara. Orange-salmon	40	1 25	4 00
Helen Lewis Spencer. Best of the orange-pinks	40	1 25	4 00
Thomas Stevenson. Darker and deeper than Helen Lewis	40	1 25	4 00
Stirling Stent. Glorious deep salmon	50	1 50	4 50
BICOLOR			
Blanche Ferry Spencer. A splendid bicolor; standard pink, wings white	35	1 00	3 50
Mrs. Cuthbertson. One of the finest bicolors. Standard rose-pink, white wings	40	1 25	4 00
BLUE AND PURPLE			
Blue Jacket. Dark navy blue	40	1 25	4 00
Blue Monarch. Dark blue	40	1 25	4 00
Margaret Madison. Clear azure-blue	40	1 25	4 00
Mrs. Tom Jones. The finest self. Bright blue	75	2 50	9 00
Captain of Blues Spencer. Bright purple	35	1 00	3 50
Royal Purple. The finest deep self-colored purple	40	1 25	4 00
YELLOW			
Dobbies Cream. Cream	50	1 50	4 50
Primrose Spencer. Primrose	40	1 25	4 00
MAROON			
Nubian. Perhaps the finest maroon color	40	1 25	4 00

	Oz.	¼lb.	Lb.
CRIMSON AND SCARLET			
Fiery Cross. Orange-scarlet	$0 50	$1 50	$4 50
King Edward Spencer. A most popular variety; bright crimson	40	1 25	4 00
Vermilion Brilliant. Considered the most brilliant scarlet	40	1 25	4 00
LAVENDER			
Asta Ohn Spencer. The best lavender for the florist	40	1 25	4 00
Florence Nightingale. Rosy lavender; splendid large flowers	40	1 25	4 00
Lavender George Herbert. Excellent self lavender	50	1 50	4 50

S. & W. Co.'s Spencer Mixture Sweet Peas. A mixture carefully proportioned of all the best and most distinct varieties. Oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

The New Early- or Winter-flowering Spencer Sweet Peas can now be had in all the colors that were previously only obtainable in the early-flowering race of Grandiflora Sweet Peas

NEW EARLY or WINTER-FLOWERING SPENCER SWEET PEAS

We have great pleasure in offering to our patrons a very complete list of Early- or Winter-flowering Spencer Sweet Peas. Many of our patrons grew them under glass last fall and produced wonderful results. This, however, is not the only reason Sweet Pea growers have worked to produce the large-flowering strain of Sweet Peas to flower early. This new race of Early-flowering Spencer Sweet Peas is particularly adapted to sections where the Summer-flowering Spencer varieties have not proved satisfactory. In our southern states, Japan, Australia, as well as all tropical or subtropical countries, this strain of Early-flowering Spencers, if sown during the early fall months, will produce flowers during the winter and continue until killed by the extreme heat. This is a distinct advantage over the regular Spencer Sweet Peas which, if sown at the same time, will not begin flowering until April.

The expression *Early* before each variety is used so as to avoid these new varieties being confused with the late-flowering varieties

Early All White. New. Considered the finest new white. ½oz. $1.25, oz. $2, ¼lb. $6, lb. $20.

Early Amethyst. New. Royal purple. ½oz. 75 cts., oz. $1, ¼lb. $3.50, lb. $12.

Early Asta Ohn. Identical in color and size of blossom to the well-known late-flowering Asta Ohn. A very popular lavender. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Aviator. New. Crimson-scarlet. ½oz. 75 cts., oz. $1, ¼lb. $2.75, lb. $10.

Early Blanche Ferry. Identical in color to the popular late-blooming pink and white variety. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Cream. Identical in color to the splendid cream late-flowering variety. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Fair Maid. New. The finest blush-pink, suffused salmon on a white ground. ½oz. $1.25, oz. $2, ¼lb. $6, lb. $20.

Early Heatherbell. A beautiful shade of rich lavender-mauve. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Helen Lewis. Identical in color and size of blossom to the late-flowering Helen Lewis, being a fine shade of salmon-pink. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Hercules. Identical in color and size of blossom to the late-flowering Hercules which is considered a glorified Countess Spencer. One of the finest bright pinks. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Irene. New. Considered the finest lavender form of Florence Nightingale. ½oz. $1.25, oz. $2, ¼lb. $6, lb. $20.

Early Lavender King. This variety is a rich, true, deep lavender throughout. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Melody. Beautiful shade of soft rose-pink. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Morning Star. A beautiful shade of orange-scarlet similar in color to Thomas Stevenson. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Mrs. Kerr. New. Considered the best early-flowering salmon. ½oz. $6, oz. $10.

Early Mrs. Spanolin. The finest black-seeded white variety. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Mrs. Warren G. Harding. New. Deep shade of silvery blue, the shade so well known as the "Harding Blue." ½oz. $7.50, oz. $12.

Early Picotee. White with an edging of violet-blue on standards and wings. ½oz. $1.25, oz. $2, ¼lb. $6, lb. $20.

Early Quaker Maid. Lavender, suffused with mauve. ½oz. $1.25, oz. $2, ¼lb. $6, lb. $20.

Early Red Orchid. Bright red. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Rose Charm. New. Large bright rose flowers, frequently producing four blooms on long stems. ½oz. $1.25, oz. $2, ¼lb. $6, lb. $20.

Early Rose Queen. (Selected Strain.) A very popular shade of rose-pink. A variety that has been used extensively. ½oz. $1, oz. $1.75, ¼lb. $5, lb. $15.

Early Snowstorm. Pure white; considered the finest white. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Songbird. A pale pink variety, similar in color to the late-flowering Florence Morse Spencer. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Spring Maid. A very light pink on a cream ground. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early True Blue. As the name implies, this lovely novelty is a charming shade of true blue, or light grayish violet-blue, a color much wanted in this type. ½oz. $1, oz. $1.75, ¼lb. $5, lb. $15.

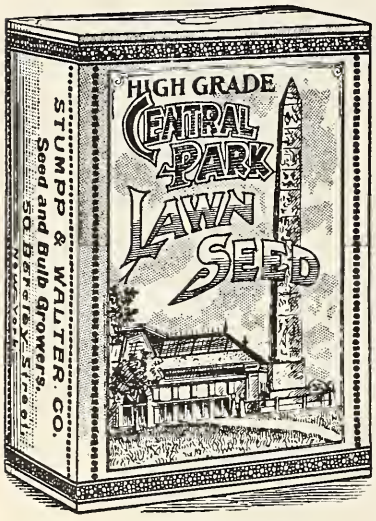
Early Venus. Similar in color to Dainty Spencer in the late-flowering variety. Standard white, slightly flushed pink wings. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early White Orchid. A pure white. The flowers are of splendid substance. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

Early Yarrawa. This beautiful variety, which was perhaps the first Winter-flowering Spencer Sweet Pea grown, has found a ready sale. The foliage is very heavy and the growth robust, sometimes reaching the height of 12 feet. The flowers are large and of a bright rose-pink color. ½oz. 50 cts., oz. 75 cts., ¼lb. $2.75, lb. $10.

High-Grade CENTRAL PARK Lawn Grass Seed

WEIGHS 22 POUNDS PER BUSHEL



Our **"High-Grade" Central Park Lawn Grass Seed** is composed of the very finest recleaned grasses, free from weeds and all foreign matter, and where a strictly first-quality Grass Seed is wanted, we recommend this grade of seed. While the price, $6 per bushel, may seem high remember our seed **weighs 22 lbs. to the measured bushel,** and requires only three to four bushels to the acre for new lawns and one to two bushels for renovating old lawns.

Sow **S. & W. Co.'s "High-Grade" Central Park Lawn Grass Seed** and you will obtain a beautiful, deep green lawn, which, owing to the varieties used in this mixture, will retain its velvety appearance during the entire summer.

One quart of our **"High-Grade" Central Park Lawn Grass Seed** is sufficient to sow about 15 feet square. To produce a good lawn it is always best to sow the seed thickly

4 qts. $1, 8 qts. $1.75, bus. $6, 5 bus. and over $5.75 per bus.

HIGH-GRADE CENTRAL PARK LAWN SEED

PUT UP IN ATTRACTIVE CARTONS FOR RETAILING

	Per doz.	Per case (36)	Retail selling price
Pints	$1 45	$4 00	25 cts. each
Quarts	2 75	7 75	40 cts. each

Greenwood Formula Grass Seed

SPECIAL FOR FINE LAWNS, TENNIS COURTS, CEMETERIES, PARKS, BASEBALL DIAMONDS, ETC.

This is a superior mixture carefully compounded of fine grasses only (no clovers) by an expert who has made a life-study of lawns. The ingredients are cleverly balanced and they show on certificate the highest percentages of purity and growth. It is a strictly first-class formula designed to fill a twofold need: (*a*) For the florist who aims to supply quality goods in bulk, and (*b*) the landscape man who is anxious to sow a mixture that he knows is absolutely pure and the best obtainable. In spite of its superfine quality **the price is right,** namely: **100 lbs. (5 bus.) $23, 1,000 to 2,000 lbs. $22 per 100 lbs., over 2,000 lbs. $21 per 100 lbs., minimum order 100 lbs.**

Packing. We ship Greenwood Formula in heavy burlap bags containing 100 pounds and costing 60 cents each. Bags are returnable, and if in good condition full price charged will be allowed.

S. & W. Co.'s Grass Seed Mixtures

SPECIAL PRICES IN LARGE QUANTITIES (Prices subject to market changes)

All our seeds are carefully examined as to purity and growth in our own laboratory and tested by the leading seed-testing stations. The percentage of purity and growth is determined before we send out any seeds of any description from our establishment, and in comparing prices, remember that we will furnish, on application, the percentage of purity and growth. We have only seeds of the very best quality.

	Lbs. per bus.	4 qts.	Pk.	Bus.	5 bus.
Tennis Court Lawn Seed	25	$1 50	$2 75	$10 00	$47 50
High-Grade Central Park Lawn Seed	22	1 00	1 75	6 00	28 75
Shady Place Lawn Seed	20	1 50	2 75	10 00	47 50
Terrace Sod Lawn Seed	20	1 50	2 75	10 00	47 50
Greenwood Formula	20				23 00

General List of Grasses, Clover and Millet Seeds

Many of our customers desire to purchase grasses in certain varieties or specify varieties to be used in a mixture. We shall be pleased to make up mixtures requested and will make no charge for the mixing.

		Lbs. per bus.	Per lb.	10 lbs.	100 lbs.
Blue Grass, Kentucky (*Poa pratensis*). Well known and extensively grown in all parts of the country.	**Superfine quality**	27	$0 65	$6 00	$55 00
	Fine quality	21	55	5 00	45 00
Colonial Bent (*Agrostis tenuis*). Excellent for lawns or pasture	**Fine quality**	18	Prices on application		
Creeping Bent (*Agrostis species*). The distinct feature of this grass, as the name implies, is its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the roots form a strong, enduring turf that is positively improved by constant trampling. Being of fine texture, it is most valuable for lawns and putting-greens. If sown alone, 45 pounds to the acre should be used	**Superfine quality**	24	Price on application		
	Fine quality	16	Price on application		
Crested Dog's-tail (*Cynosurus cristatus*). An excellent grass for hard, dry soils; valuable for pastures and lawns		30	60	5 50	50 00
Canadian Blue (*Poa compressa*). Used extensively for situations inclined to be sandy and dry		18	50	4 50	40 00
English Rye Grass (*Lolium perenne*). A very nutritious, rapid-growing variety; valuable for meadows and pastures		28	18	1 75	16 00
Fine-leaved Sheep Fescue (*Festuca ovina tenuifolia*). Valuable for lawns		22	Price on application		
Hard Fescue (*Festuca duriuscula*). One of the most desirable dwarf grasses; excellent for dry soils		20	Price on application		
Italian Rye Grass (*Lolium italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops		22	18	1 75	16 00
Meadow Fescue (*Festuca pratensis*). Valuable grass for permanent pasture		27	35	3 25	30 00
Meadow Foxtail (*Alopecurus pratensis*). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock		10	Price on application		
Orchard. A valuable pasture grass, relished by stock of all kinds; particularly adapted for growing in shady places		14	40	3 50	30 00
Red, or **Creeping Fescue** (*Festuca rubra*). Suitable for sandy seacoast and on dry soil		27	Price on application		
Red-top Grass Seed. (*Agrostis palustris*). Fancy recleaned		36	40	3 75	35 00
Red Top, Unhulled		18	30	2 50	22 00
Rough-stalked Meadow (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage; valuable for either moist or dry soils		26	Price on application		
Sheep's Fescue (*Festuca ovina*). An excellent grass for sheep pasture		16	Price on application		
Sweet Vernal (*Anthoxanthum odoratum*). A very early variety; should be sown with other grasses		10	Price on application		
Tall Oat Grass (*Avena elatior*). Producing an early and luxuriant growth; valuable for pastures		14	Price on application		
Timothy (*Phleum pratense*). A variety well known and highly appreciated, producing a profitable hay crop in almost any soil. Sow three-fourths bushel to acre		45	18	1 50	12 00
Wood Meadow (*Poa nemoralis*). A very productive and nutritious grass, adapted for lawns or pastures. Thrives well under trees		20	1 00	9 50	90 00

CLOVER SEED

Alfalfa, or **Lucerne.** (*Medicago sativa*). One of the best varieties, succeeding especially in the South and West, and bearing heavy crops of forage. Sow early in the spring; 20 pounds to an acre	35	3 00	25 00
Alsike, or **Swedish** (*Trifolium hybridum*). Hardiest of all Clovers, and on rich, moist soil yields an enormous quantity of hay or pasture. Lasts many years. Sow 6 pounds per acre when used alone	35	3 00	25 00
Crimson, or **Scarlet Clover** (*Trifolium incarnatum*). It can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre, and makes the earliest possible spring pasture, blooming the latter part of April or May, and for feeding as hay should be cut just before coming into full bloom. Sow Crimson Clover at the last working of all crops, like beans, corn, melons, cucumbers, tomatoes and other crops	25	2 00	16 00
Red Clover, Medium (*Trifolium pratense*). Medium Clover. The leading variety of Clover for pastures or meadows. Very finest quality	35	3 00	25 00
White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season	50	4 50	40 00

Prices on Grass and Clover Seed subject to change without notice. Our Grass and Clover Seeds are the very finest, purest, recleaned seeds. We do not carry the cheaper grades

MILLET SEED

Hungarian Grass (*Panicum germanicum*). A species of annual Millet, yielding 2 to 3 tons of hay per acre. Sow 1 bushel per acre from May up until August. It is invaluable for overcoming a shortage of the regular hay crop. 48 pounds per bushel. 90 cts. for 10 lbs., $7 per 100 lbs.

German, or **Golden** (*Setaria italica*). A valuable annual hay and fodder crop, more productive and coarser than Hungarian Grass, medium early, 4 to 5 feet high. Sow 1 bushel per acre, 50 pounds per bushel. 90 cts. for 10 lbs., $7 per 100 lbs.

Japanese, or **Barnyard** (*Panicum Crus-galli*). Entirely distinct from any other Millet; grows tall and produces an enormous crop. It may be sown from the middle of May to the first of July, broadcast, at the rate of 15 pounds to the acre, but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 pounds per acre, and hoe between the rows to keep down all weeds until the plants attain a height of 12 to 18 inches. This variety has yielded 21 tons of green fodder per acre, and a yield of over 6 tons of cured hay per acre. As a soiling crop we cut it three or four times during the season, when 2 or 3 feet in height. In connection with Sojas, in alternate layers, it makes an ensilage that comes nearer to being a perfectly balanced ration than any other crop. 90 cts. for 10 lbs, $7 per 100 lbs.

Prices on all other Farm Seed on application. Our illustrated Retail Catalogue mailed on request

The Better Varieties of CANNAS

Our roots are extra-strong, and have plenty of eyes. State, when ordering, if immediate shipment is desired, or if for a later delivery.

NEWER VARIETIES OF SPECIAL MERIT

CHEERFULNESS. Its beautiful bright fire-red or deep orange flowers appear early and continue without interruption until frost. The petals are prettily bordered golden yellow and center of each petal is flaked carmine-crimson. A very attractive variety, the stems bearing the flowers well above the foliage. Height 3½ feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

CITY OF PORTLAND. Glowing pink, deeper in color than its parent, Mrs. Alfred F. Conard; profuse bloomer. Height 4½ feet. **$1.50 per doz., $10 per 100, $90 per 1,000.**

EUREKA. Canna hybridizers have worked patiently ever since the time of the introduction of the modern Canna, which bears such little relation as regards beauty of foliage and size of flowers to the old Indian Shot of bygone days, to produce a pure white. In offering Eureka we feel that our patrons are using the best all-round white variety for general mass planting or bedding. Height 4 feet. **$1.25 per doz., $8 per 100, $70 per 1,000.**

GOLDBIRD. Among the canary-yellow varieties of recent origin, Goldbird is an excellent sort. The immense soft canary-yellow flowers are borne in large clusters well above the foliage. Height 4 feet. **$1.25 per doz., $8 per 100, $70 per 1,000.**

MAID OF ORLEANS. The ideal pink bedder. Flowers large, in good trusses; color not unlike that of Paul Neyron rose. One of the best of the newer introductions and without a doubt one of the finest pink bedding Cannas as yet introduced. Height 3½ feet. **$1.50 per doz., $10 per 100, $90 per 1,000.**

RICHARD WALLACE. While this variety is not new, it still remains among the best of the canary-yellow sorts. The habit of the plant is excellent. The flowers are very large and are borne gracefully above the foliage. Height 4½ feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

THE PRESIDENT. In color, a rich, glowing scarlet, and the immense, firm, rounded flowers, 7 inches across when open, are produced on strong, erect stalks well above the large, rich green foliage. "The President" is superior to any other red variety in quantity and quality of bloom, and the firm flowers resist drought and heat to a remarkable degree. Considered the finest Canna ever produced. Height 4 feet. **$1.25 per doz., $8 per 100, $70 per 1,000.**

KING HUMBERT CANNA

OTHER GOOD VARIETIES

BUTTERCUP. A beautiful, bright buttercup-yellow. One of the best of its color. Because of its dwarf, compact habit, it is especially valuable for planting as a border around taller sorts. Height 3 feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

EXPRESS. A scarlet-flowering Canna of great brilliance of color. It is of dwarf, compact habit and the foliage is a deep shade of green. Its very dwarf habit makes it excellent for border planting. Height 3 feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

KING HUMBERT. Of superlative beauty and by far the finest of all bronze-leaved Cannas. The enormous trusses are made up of flowers that measure 6 inches across, and are a rich salmon-scarlet, distinctly and numerously flecked with deep crimson markings. It is a free bloomer, and with its rich, coppery bronze, massive foliage, it produces an effect both bold and striking. Height 5 feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

LAHNECK. A very free bloomer, producing an abundance of trusses on erect stalks well above the foliage. The color is fundamentally rosy, with lines and shadings of scarlet-carmine hues. The narrow gold border adds to the beauty of this charming variety. Height 4 feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

METEOR. A vigorous grower, with healthy foliage; each root produces five or six trusses of bloom, which continue flowering the entire summer; pleasing deep crimson. Height 5 feet. **75 cts. per doz., $5 per 100, $40 per 1,000.**

YELLOW KING HUMBERT. A sport of one of the most popular of all Cannas, King Humbert, producing large blooms of a beautiful shade of yellow, lightly spotted red, green foliage; five or six clusters at a time. Without a doubt the finest of its color yet produced. Height 5 feet. **$1.25 per doz., $8 per 100, $70 per 1,000.**

We have given above what we consider the best distinct modern varieties of Cannas for the florist. We will be pleased to quote on any other varieties

Choice Named Gladioli

The following list of Gladioli contains the best varieties for outdoor blooming. We beg to call attention to the several Novelties listed, as they are distinctly superior varieties, and every florist should place a trial order for some of them. The Gladiolus delights in a sunny position and requires a liberal amount of plant food in the form of sheep manure, with bone meal for top dressing.

AMERICA. Delicate lavender-pink flowers of large size, borne on strong stems; splendid habit. Flowers well placed. Very popular cut-flower variety. **50 cts., per doz., $3.50 per 100, $30 per 1,000.**

ATTRACTION. Rich crimson-scarlet, with a conspicuous large white blotch in the center of the lower petals. **60 cts. per doz., $4 per 100, $35 per 1,000.**

AUGUSTA. Blush-white, throat slightly tinted lavender. Flowers medium size. Excellent for cutting. **60 cts. per doz., $4 per 100, $35 per 1,000.**

BARON HULOT. Rich royal violet-blue. One of the finest of its color. A variety used for contrasting with the pale and deep yellow sorts. **$1 per doz., $8 per 100, $75 per 1,000.**

BRENCHLEYENSIS. This bright scarlet is still popular and is frequently seen in our florist shops. **50 cts. per doz., $3.50 per 100, $30 per 1,000.**

EMPRESS OF INDIA. Flowers are rich, dark brown-red, a rare shade, and the deepest of its color offered by us. They are large in size, of good substance, borne on strong, stiff spikes. **$1.25 per doz., $8 per 100, $75 per 1,000.**

HALLEY. A variety that is largely grown on account of its earliness. The flowers are large in size, of beautiful salmon-pink, with creamy white blotch in throat. One of the earliest-blooming varieties in our list. **60 cts. per doz., $4 per 100, $35 per 1,000.**

LILY LEHMAN. A variety much liked on account of its compact flowering habit. A pure white with just a tinting of pink on the edges of the petals. **$1 per doz., $8 per 100, $70 per 1,000.**

MASTER WIETZE. Dark violet, shaded purple. The blossoms are well placed on fine long spikes. **$1 per doz., $8 per 100, $70 per 1,000.**

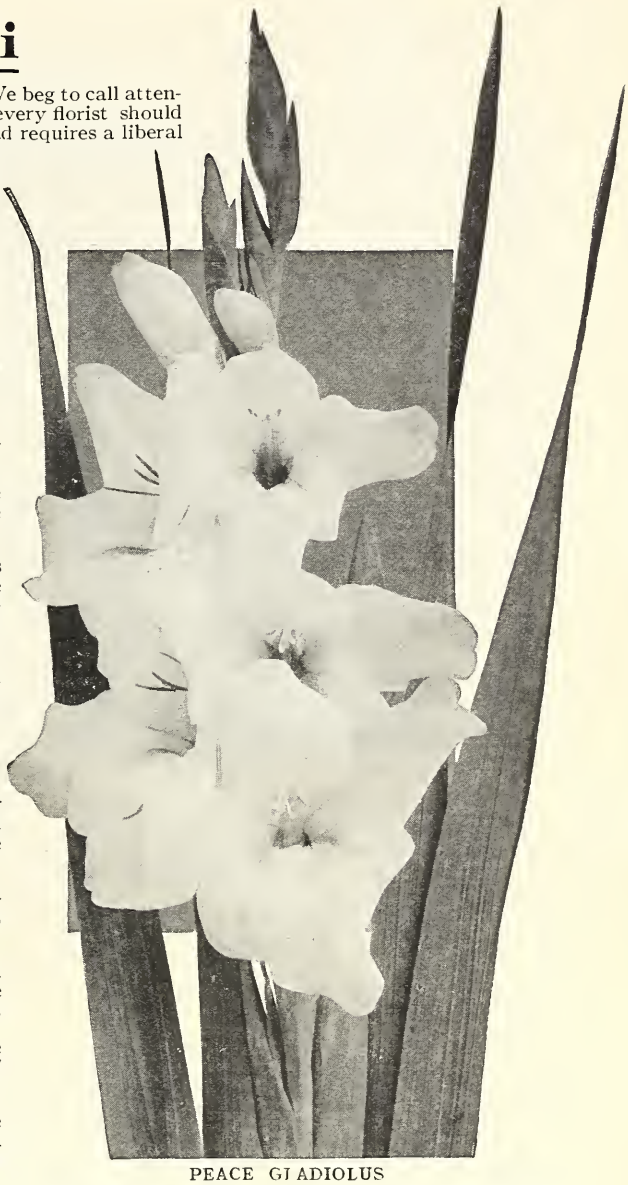
MRS. FRANK PENDLETON. Salmon-pink which extends to reverse side of the petals as well as in the center, with a rich, deep maroon blotch on the three lower petals. Flowers are wide open and well placed on strong spikes. A variety that has become very popular since its introduction some years ago and now can be obtained at a more moderate price. **$1 per doz., $7 per 100, $60 per 1,000.**

MRS. FRANCIS KING. Brilliant flamingo-pink, blazed with vermilion-red. Popular variety on account of its attractive color. **60 cts. per doz., $4 per 100, $35 per 1,000.**

NIAGARA. Soft primrose, faint lines of lilac in the throat, with purple stamens and pale carmine stigmas, which add to the attractiveness of the variety. Flowers are large in size, borne on tall spikes. **80 cts., per doz., $6 per 100, $50 per 1,000.**

PANAMA. Similar in type to America, but of a deeper shade of pure rose-pink. The flowers are large in size and well placed on strong, tall spikes. **$1 per doz., $7 per 100, $60 per 1,000.**

PEACE. Few varieties have become as popular as Peace. The general effect of the flower is white, with a pale lilac feathering on the inferior petals. They are large in size, well placed, and are borne on tall, strong spikes. **80 cts. per doz., $6 per 100, $50 per 1,000.**



PEACE GLADIOLUS

SCHWABEN. Pure canary-yellow, with a carmine blotch deep in the throat, which aids in detracting from its uniformity of color. Flowers are wide open, large in size, well placed on strong spikes of medium height. **90 cts. per doz., $7 per 100, $60 per 1,000.**

WAR. (Originator's Stock.) The finest of its color yet introduced. Flowers often measure 7 inches across, of a deep ox-blood-red, shaded crimson-black. The flowers are well placed in spikes frequently attaining a height of 5 to 6 feet. **$1.75 per doz., $12 per 100.**

GLADIOLI IN MIXTURES

Primulinus Hybrids

The original species, as they were first introduced from South Africa, created interest among Gladiolus growers mainly for their habit and the beautiful colorings of the flowers. They proceeded to cross them with the finest of the large-flowering Gladioli and the resultant crosses brought forth a really beautiful acquisition. The flowers were larger, more open, retaining their graceful placement on the spikes and also their beautiful range of artistic colors. Our Hybrids range in color from pale sulphur-yellow-apricot to the deepest chrome-yellow and excellent shades of orange as well. We are pleased to offer this splendid mixture. **50 cts. per doz., $4 per 100, $35 per 1,000.**

S. & W. Co.'s American Hybrids

A special mixture of the best named varieties of Gladioli as well as seedlings of American origin. The colors are well covered in this mixture. **40 cts. per doz., $3 per 100, $25 per 1,000.**

Gold Medal Collections in Color Sections

These are especially selected collections of new hybrids prepared from the cream of the world's named introductions, many of the Gandavensis, Lemoine, and Nanceianus types. We consider this the finest we have ever offered to our patrons in the colored sections.

No. 1. Selected New Dark Hybrids, of shades in combinations of red, scarlet, crimson, mixed in finest qualities. **75 cts. per doz., $5 per 100, $45 per 1,000.**

No. 2. New White, Light, and Yellow Hybrids. Collections in this section cover many of the best white, light and yellow shades of color of the named varieties. **80 cts. per doz., $6 per 100, $55 per 1,000.**

No. 3. Selected New Blue Hybrids. Many varieties of the new blue hybrids. **$1.25 per doz., $8 per 100, $75 per 1,000.**

No. 4. Mixture of the above three named shades. **75 cts. per doz., $5 per 100, $45 per 1,000.**

MISCELLANEOUS BULBS AND ROOTS

CALADIUM ESCULENTUM (Elephant's Ear)

Caladium esculentum

Elephant's Ear	Doz.	100	1,000
7 to 9 inches circumference	$1 25	$8 00	$75 00
9 to 11 inches circumference	2 00	15 00	140 00
11 to 12 inches circumference	3 00	22 00	200 00

CINNAMON VINE

Strong tubers	75	5 00	45 00

HYACINTHUS

Candicans. White-flowering. First size	50	3 50	30 00
Candicans, Mammoth	75	5 00	45 00

IRIS

Kaempferi. In 20 named varieties; clumps	2 00	15 00	
German. Mixed varieties; clumps	1 00	8 00	

MADEIRA VINE

Selected Large Bulbs	75	5 50	50 00

OXALIS, Summer-flowering

Deppei. Pure white; very fine	10	75	6 00
Lasiandra. Rosy pink; beautifully cut foliage	10	75	6 00
Shamrock. Clover-like foliage; pink blossoms	10	75	6 00

Tuberoses

Dwarf and Excelsior Pearl. Our bulbs are extra-selected, well-cured and sure-to-bloom stock. 4 to 6. 1,000 to barrel. First-size Bulbs	50	3 50	30 00
Mammoth Bulbs	75	5 00	45 00

HARDY JAPANESE LILIES

The hardy Lilies are now planted by many florists; they bloom outdoors during July and August and are extremely useful.

AURATUM. Splendid for pot culture or for growing in the open for cutting.

	Per case
8 to 9 inches (200 to case)	$25 00
9 to 10 inches (130 to case)	25 00
11 to 13 inches (100 to case)	25 00

SPECIOSUM MAGNIFICUM. This is conceded to be the best type of the red Speciosum Lily.

	Per case
8 to 9 inches (200 to case)	$25 00
9 to 11 inches (125 to case)	25 00
11 to 13 inches (100 to case)	25 00

Rubrum, Roseum, or Melpomene, same price as the above.

SPECIOSUM ALBUM.

	Per case
8 to 9 inches (200 to case)	$27 50
9 to 10 inches (125 to case)	27 50

LILIUM GIGANTEUM (Cold storage).

	Per case
7 to 9 inches (300 to case)	$55 00
8 to 9 inches (250 to case)	55 00
8 to 10 inches (225 to case)	55 00

S. & W. CO.'S SUPERIOR LILY-OF-THE-VALLEY (Cold Storage)

We are in receipt of shipment of Berlin Lily-of-the Valley and while, owing to the dry season experienced by our growers, the pips are not as stout as they usually are, they are full 3-year-old crowns and we offer to our patrons in cases of the following sizes at

	Per case
Packed, (250 to case)	$12 50
Packed (500 to case)	22 50
Packed (1,000 to case)	35 00

We ask our patrons to place trial order and if found satisfactory, to place contract order for their requirements, to be shipped by us in such quantities and at such times as required.

Miscellaneous Supplies

Asparagus Buncher, "Acme." No. 1 makes bunch 3 to 3½ in. diameter, length adjustable 7 to 9 in., $3.25; No. 2 makes bunch 4 to 4½ in. diameter, length adjustable 7 to 9 in., $3.50.

Asparagus Knives. English Saw-tooth, $2; American V-shaped, 50 cts.; American Straight Edge, 50 cts.

Baskets, Rustic Hanging. The baskets are made of choice dressed laurel, in hexagonal shape, and are strong as well as ornamental. Splendid when planted with geraniums and vincas.

	Each	Doz.
10-inch	$2 00	$20 00
12-inch	2 25	22 50
14-inch	2 75	28 00

Baskets, Wire Hanging—

	Each	Doz.		Each	Doz.
8-inch	$0 80	$8 00	12-inch	$1 10	$11 00
10-inch	1 00	10 00	14-inch	1 20	12 00

Baskets, Orchid—

	Doz.	100		Doz.	100
4-inch	$4 25	$28 00	8-inch	$6 25	$48 00
5-inch	4 75	33 00	10-inch	8 25	63 00
6-inch	5 25	37 50	12-inch	9 50	76 00

Bellows. See page 49.

Boxes, Corrugated Cardboard. Very heavy and durable; extensively used by florists for shipping cut-flowers.

No.	Length	Width	Depth	Doz.	100
A.	20 in.	7 in.	4 in.	$2 50	$18 75
B.	28 in.	8 in.	5 in.	4 00	26 25
C.	30 in.	12 in.	6 in.	5 00	33 75
D.	36 in.	14 in.	8 in.	6 50	45 00
E.	48 in.	14 in.	8 in.	8 00	56 25

Prices and sizes on Folding Cardboard Boxes and Violet Boxes on application

Carnation Supports, Model Extension—

	100	1,000
Two-ring	$5 00	$45 00
Three-ring	6 00	52 50

Baur Carnation Clip. 1 Plier and 1,000 Clips, $2.50. Plier alone, $2. Extra clips at 75 cts. per 1,000.

Carnation Staples. For calyx-mending. 75 cts. per 1,000, $3 for 5,000, $5 for 10,000.

Clips, Eureka. For fastening rose and chrysanthemum wire stakes. $1.25 per box of 500, $2.25 per box of 1,000.

Corn Knife. For cutting cornstalks or heavy grass. 50 cts. each, $5.50 per doz.

Dibble, Garden. For transplanting cabbage, celery, etc. Small size, steel point, 50c.; larger size, 60c.; large size, brass point, 75c.

Flower Pots, Vases, Saucers and Stands

S. & W. Co.'s Fertilized Flower Pots. Made of extra-heavy Manila waterproof cardboard. Fertilized. Wire-stitched seam; perfect drainage. Shipped flat. If you grow tomatoes or pot-plants you cannot afford to pass over this. In setting out plants the pots are not removed. Simply unlock the bottom flaps and turn them up (see cut), allowing the roots to grow down.

Size	Gross weight per 1,000	250	1,000
2¼-inch	about 30 lbs.	$2 50	$7 50
3-inch	about 40 lbs.	2 75	10 00
3½-inch	about 50 lbs.	3 50	13 00

In setting out plants, unlock the bottom, pull pot up one inch, and you have a wall to protect the roots against grubs and worms.

Neponset Flower Pots. No breakage. Light in weight. Easy to handle. Economical. Nesting closely. Saving transportation charges. Don't wrap cuttings and bulbs for shipment in paper, but use Neponset Flower Pots.

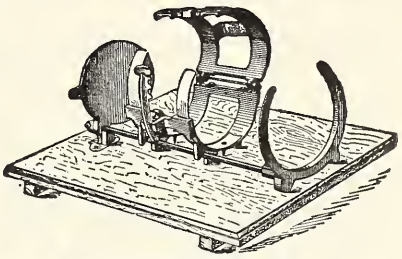
	Case contains	100	1,000
2¼ inch	1,000	$0 45	$3 70
2½-inch	1,000	55	4 30
3-inch	1,000	65	5 85
3½-inch	1,000	85	7 60
4-inch	500	1 20	9 50
5-inch	500	1 75	14 80
6-inch	500	3 00	19 80

Not less than original crate at 1,000 rate

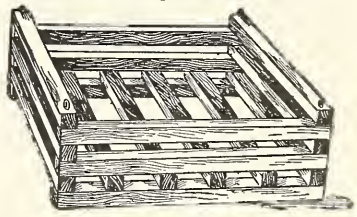
Flower Vases (Waterproof), **Fibre Ware.** Order by number.

Inside measurements. Diam.	Depth	Doz.	Diam.	Depth	Doz.
No. 0. 8 in.	13 in.	$18 90	No. 01. 7 in.	20 in.	33 30
No. 1. 5½ in.	10½ in.	16 20	No. 11. 6 in.	18 in.	21 60
No. 2. 4½ in.	9 in.	15 12	No. 22. 4½ in.	15 in.	20 52
No. 3. 4 in.	6½ in.	13 00	No. 33. 4 in.	12 in.	17 82
No. 4. 3 in.	5 in.	10 80	No. 44. 3 in.	9 in.	14 04

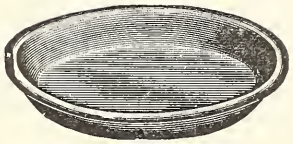
Wire Hanging-Basket



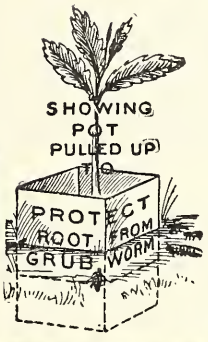
Acme Asparagus Buncher



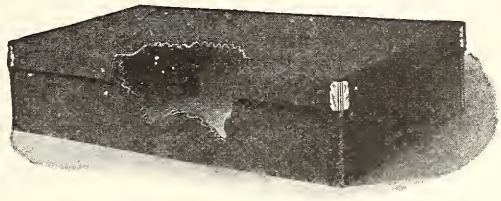
Orchard Basket



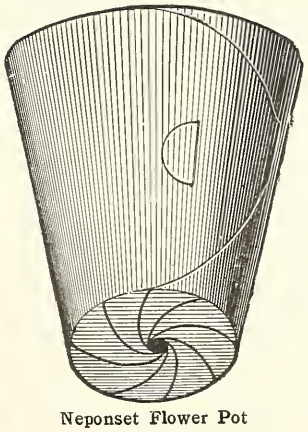
Flower Pot Saucer



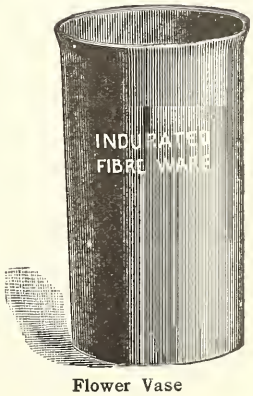
Garden Dibble



Corrugated Flower Box



Neponset Flower Pot



Flower Vase

Flower-Pot Saucers (Waterproof), **Fibre Ware.** Not readily broken. Order saucers 2 inches larger than bottom diam. of pot.

	Doz.	100		Doz.	100
5-inch	$3 80	$30 00	9-inch	$5 40	$41 00
6-inch	4 05	32 50	10-inch	5 85	45 00
7-inch	4 50	35 00	12-inch	6 48	50 00
8-inch	4 95	38 00	14-inch	9 00	70 00

Rolling Stands for Heavy Plants—

Outside diam. about	Diameter at bottom	Caster	Each	Outside diam. about	Diameter at bottom	Caster	Each
12 in.	10 in.	3-in.	$0 90	18 in.	15 in.	4-in.	$2 05
14 in.	11 in.	3-in.	1 15	20 in.	17 in.	4-in.	2 25
				22 in.	20 in.	5-in.	2 50

Flower-Pot Brackets. Made of steel, artistic in design, finished in black. Saucers are absolutely secured by spring clasp.

		Each
No. 1A.	Length of arm 8 in. Clasp will hold 5-in. pot	$0 50
No. 2A.	Length of arm 10 in. Clasp will hold 6-in. pot	60
No. 3A.	Length of arm 12 in. Clasp will hold 7-in. pot	75

Flower-Pot Handles and Hangers, Krick's Perfect—

		Doz.
No. 0.	Will fit from 2- to 3½-in. pots	$0 25
No. 1.	Will fit from 3½- to 5-in. pots	30
No. 2.	Will fit from 5- to 8-in. pots	40
No. 3.	Will fit from 8- to 12-in. pots	50

Forks, Gem. Used for weeding or general garden use. 10-in. 40 cts.
Spading. 4-tine, D handle, best material, $1.60 each; 5-tine, D handle, best material, $2 each.

Fumigating Lamp, Defiance. Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nico-Fume and other preparations of this sort. 65 cts. each.

Eureka Fumigator—

	Each
No. 1 holds ½ peck stems	$2 50
No. 2 holds 1 peck stems	3 50
No. 3 holds ½ bushel stems	4 50
No. 4 holds 1 bushel stems	6 00

Garden Line. Best braided linen. 100 ft. $1.50.

Garden Reel. Cast-iron, painted black. $1.50.

Garden Reel, Eureka. This is a superior Garden Reel, made of malleable and wrought-iron, well galvanized; it is very durable.

Single, two arms	$3 00
Double, four arms	3 50

Glazing Materials

Permanite is a glazing compound composed of asbestos fiber and special long-life, weather-resisting, non-drying oils, which always keep it in an elastic condition and never allow it to harden. Little needs to be said about the addition of asbestos as the advantage of using this material—its indestructibility and ability to resist heat and cold—are too well known. 1 gal. $2.05, 5 gals. $1.95 per gal., 15 gals. $1.85 per gal, 35 gals. $1.75 per gal., 60 gals. $1.75 per gal.

Permanite Gun. This Gun makes application of Permanite easy. Further particulars on request. $6.50 each.

Putty Bulb, Scollay. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. $1.25 each, $3.50 for 3, $13.50 per doz.

Glazing Points, Van Reyper's. No rights or lefts. No. 2. Large single-thick glass, or for double-thick, for greenhouses and skylights. Box of 1,000, 75 cts.; in lots of 5,000, $3.25. Pincers or pliers for same, 50 cts.; postpaid, 65 cts.

Gloves. Made substantially of horse-hide; heat- and waterproof; made with gauntlets. Good Gloves for pruning and general farm-work.
No. 131. All leather. $2 per pair.
No. 186. Ladies'. $1.75 per pair.

Gardeners' Gloves. Made of heavy goatskin. $1.35 per pair.

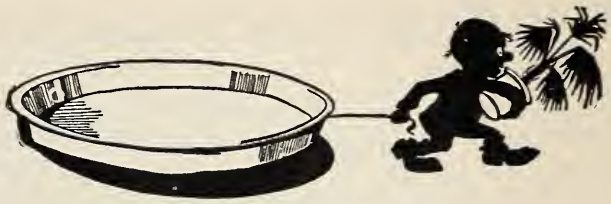
Diamond Glass Cutter. With guide wheel. $5 each.

Red Devil Glass Cutter. 20 cts., 30 cts., 40 cts., and 50 cts. each.

Putty Knife. No. 464. A very good tool. 40 cts. each, 3 for $1.

Grafting Wax. ¼lb. 15 cts., ½lb. 25 cts., lb. 45 cts., postpaid, 55 cts.

Hoes, Draw or **Garden.** Extra-quality cast steel, oil tempered, polished blade. 5-inch blade, 80 cts. each, $8 per doz.; 6-, 7-, and 8-inch blade, $1 each, $10 per doz.
Acme. Very popular tool for gardeners and florists, for drilling, cultivating, and weeding. Double prong, 6½-inch blade, 90 cts. Single prong, 75 cts.
English Scuffle. 5-inch, 90 cts.; 6-inch, $1; 7-inch, $1.20; 8-inch, $1.30; 9-inch, $1.40; 10-inch, $1.60; 12-inch, $2.10. Handles, 50 cts. extra.


Rolling Stands for Heavy Plants

Spading Fork

Eureka Garden Reel

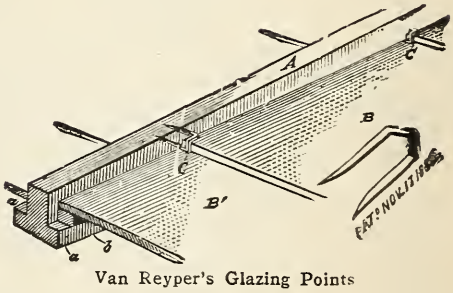
Defiance

Eureka Fumigator

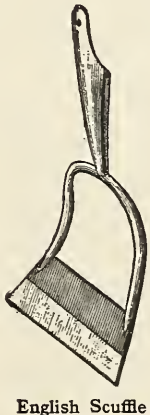
Cast Iron Garden Reel

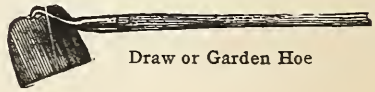
Diamond Glass Cutter

Putty Bulb



Van Reyper's Glazing Points


English Scuffle Hoe


Draw or Garden Hoe

Garden or Greenhouse Hose

The rubber Hose we offer is all made of the best rubber and will outlast cheap Hose ten times over. We guarantee all Hose and will replace same if returned within reasonable time, in season, and found to have any defects, the fault of the manufacturer. But it is necessary to advise us without delay.

Electric. Three-ply, non-kinkable, molded Hose. The strength and durability of this Hose places it with the very best grade of Hose manufactured.
Standard lengths, ¾-inch bore, 25 ft., $5; 50 ft., $9.
Standard lengths, ½-inch bore, 25 ft., $4.50; 50 ft., $8.
Other lengths, ¾-inch bore, cut and coupled, 18 cts. per ft.
Other lengths, ½-inch bore, cut and coupled, 16 cts. per ft.

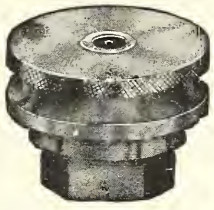
S. & W. Co.'s Special Brand, "Wayahead." Surpasses all the other cheaper grades of Hose. Its durability is not excelled by much of the higher-priced Hose. It is a corrugated Hose. Standard lengths, ¾-inch bore, 25 ft., $4; 50 ft., $7.50; ⅝-inch bore, any length, 14 cts. per foot.

HOSE NOZZLES

Stott's. A Nozzle that has become a favorite among rose-growers, etc., for exterminating red-spider. Splendid Nozzle for reaching under the foliage; gives a very fine, misty spray. Single, $1.25, double, $2.50.

Mistry Jr. Can be used for spraying whitewash. $1.50 each.

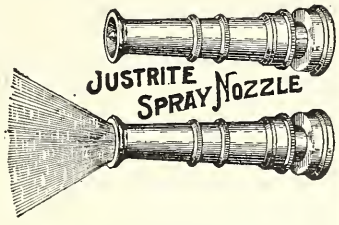
Magic. Brass Hose Nozzle. ¾-inch. Has a shut-off, a stream, and a rose spray. Without rose, $1.25; with rose, $1.60.



Mistry Jr. Nozzle

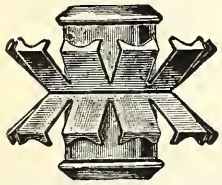
No. 191. The most efficient and simplest in construction of any shut-off Nozzle. Has fewer parts and is less liable to get out of order. $1.50 each.

Justrite Spray. A very popular adjustable Nozzle. It gives a copious spray or a well-defined, full stream. Has a positive shut-off, by turning the barrel of the nozzle. $1.



Bordeaux Spray Nozzle. A good Nozzle for whitewash and all heavy spray materials. $1.50.

Hose Couplings, Evanston. ¾-inch, 40 cts.
Regular. ½-inch, 20 cts.; ¾-inch, 30 cts.



Perfect Clincher Mender

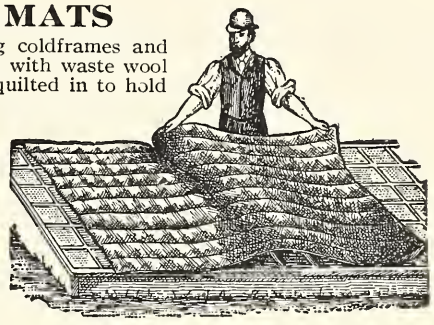
HOSE MENDERS

Cooper's Brass. ½- and ¾-inch, 12c. each, $1.20 per doz.; 1-in., 15c. each, $1.70 per doz.
Perfect Clincher. ½- or ¾-inch, 20 cts. each, $2 per doz.
Galvanized. ½- or ¾-inch, 30 cts. each, $3 per doz.

Sykes Hose Holder

A simple and inexpensive device for holding the hose. With this the nozzle can be placed at almost any angle. 30 cts.

HOTBED MATS



Burlap for protecting coldframes and hotbeds. Warmly lined with waste wool and cotton, which are quilted in to hold position.

No. 1. 40 x 76 in. Burlap on one side, $1.75 ea., $18 per doz.
No. 1. 76 x 76 in. Burlap on one side, $2.50 each, $26 per doz.

Owing to the present condition we are unable to supply waterproof duck mats.

Knives, Turf-Edging, Budding and Pruning

Solid Welded - Steel Edging. Socket handle; made of the very best steel; imported English. 8-inch, $3; 9-inch, $3.50. Each

Planet Jr. Solid steel, with a polished handle..... $1 50

Pruning—
No. 1, cocoa handle, 1 blade..... 1 50
No. 2, ebony handle, 1 blade..... 2 50
No. 3, horn handle, 2 blades..... 2 50
No. 4, cocoa handle, 1 blade..... 1 75
No. 5, horn handle, 2 blades..... 2 75

Budding—
No. A, ivory handle..... 2 25
No. B, bone handle, S. & W..... 1 50
No. C, ivory handle, S. & W..... 1 75
No. D, ivory handle..... 2 00
No. E, ivory handle, 2 blades..... 2 25
No. F, ebony handle, 1 blade..... 1 00

Labels, Pot, Garden and Tree

	Per 1,000 Painted
Pot Labels—Wooden.	
4-inch	$1 75
4½-inch	2 10
5-inch	2 40
6-inch	3 00
8-inch	9 50
10-inch	12 00
12-inch	14 00
Tree Labels—	
3½-inch, copper-wired	3 00

Mole Trap—
The Rittenhouse. 90 cts. each, $9 per doz.
Reddick's. $1 each, $10 per doz.

Moss, Dry Sphagnum. 5-bbl. bale, $3.50.
Sheet, Natural Green. For covering soil in pot-plants. Bag, 10 lbs. $3.50.

Paper—
Florists' Wax. 24 x 36 in., $3 per ream.
Florists' Tissue. 24 x 36 in., $1.50 per ream, $7 for 5 reams.
Florists' Manila. 24 x 36 in., $3.25 per ream.

Peat—	Bbl.
Orchid	$4 00
Rotted Fibrous	2 50

Pencils, Indelible, X-L-All. 15 cts. each, $1.50 per doz.

Indelible Ink. 35 cts. per bottle.

Post-hole Digger. Gibb's Lock-lever. $1.75.

Post-hole Augers. 6- and 7-in. $1; 8- and 9-in. $1.25.

Pruners, Waters' Tree. Best pruner on the market. 6 ft., $1.75; 8 ft., $2; 10 ft., $2.25; 12 ft., $2.75; 14 ft., $3.

Raffia. Natural; extra strong; for tying. Lb. 25 cts., 5 lbs. $1, 25 lbs. $4.50, 100 lbs. $16.

Scythes. Imported English, riveted back; also solid back. 32-in., $2.75; 34-in., $3; 36-in., $3.25; 38-in., $3.50.
Little Giant. Solid steel. 32-in., $2; 34-in., $2.20; 36-in., $2.40; 38-in., $2.60.
Snath or **Handle.** Patent, best quality. $2.25.
Stones. English Talacre Quarry. 25 cts. each, $2.50 per doz.

Scissors, Grape-thinning, $1.25; **Flower-gathering,** $2.

Seeder, Cahoon's. Improved broadcast seed-sower. Will sow all kinds of grass and grain seed, from 4 to 8 acres an hour, at a common walking gait. $5.25.

Shears, Pruning, S. & W. Co.'s Solid Steel. Made for long service: easily adjusted. 8-in., $2.25; 9-in., $2.50; 10-in., $2.75.

Pruning, French. Made in two sizes. 8-in., $1.50; 9-in., $2.

Pruning, Kunde. Unable to supply this year.

Pruning, Wiss. Solid steel. 9-in., $3.50; 10-in., $4.

Pruning, Lady's Nickel-plated. 5½-in., $1.50.

Pruning, S. & W. Co.'s Special. Steel blades, malleable handles. $1.15.

Branch, or **Lopping.** Two sizes, $3.50, and $4.

Grass. Full nickel, solid steel. 6-in. blade, $1.50.

Grass, Imported English. Best procurable. 6½-in., bent, $1.75.

Border and Grass-edging. 9-in blades, $5.50; with wheel, $6.50.

Lawn. 9-in. blades, with two wheels. $5.

Hedge. Imported English. plain blade. 8-in., $2.50; 9-in., $2.75; 10-in., $3.25; 8-in., notched, $2.75; 9-in., notched, $3.25; 10-in., notched, $3.50.

Shovels, Ames' Long- and D-Handles. Long-strapped, round, or square, $2.

S. & W. Co.'s, Pointed and Square. $1.50.

Silkaline. See Twines.

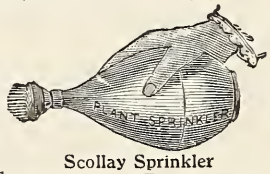
Sod Crusher—

No. 1 Machine. Total height, 46 inches; size of roll, 6 x 21 inches, suitable for 5,000 feet or less of glass. $25 each.

No. 2 Machine. Total height, 46 inches; size of roll, 6 x 42; suitable for large establishment. $30 each.

Sprinklers, Scollay

An excellent Sprinkler for plants and cut-flowers. We have them in straight- and angle-neck. $1.50 each.



Scollay Sprinkler

Spades, Ames' Long- and D-Handles. $2.

Plant Stakes, Light. Tapering, painted green.

	Doz.	100
1½-ft.	$0 25	$1 75
2-ft.	50	3 25
2½-ft.	60	4 25
3-ft.	$0 90	$6 25
3½-ft.	1 10	7 75
4-ft.	1 50	9 50
5-ft.	1 80	12 25

Dahlia Poles—Heavy.

	Doz.	100
3-ft.	$1 40	$9 70
3½-ft.	1 75	11 50
4-ft.	2 00	13 00
5-ft.	2 25	16 50
6-ft.	3 00	21 00

Japanese Plant Stakes—

Bamboo canes, light, durable, and can be used three or four years, as they do not rot.

	1,000
6-ft.	$25 00
6-ft. 2,000,	$48
6-ft. 10,000,	$225
8-ft.	$40 00
10-ft.	55 00

Square Maple Stakes—

These stakes are very even and used extensively for staking lilies and other plants.

	1,000
18-in.	$3 00
24-in.	3 50
30-in.	$4 00
36-in.	5 00

Dyed green, $1.50 per 1,000 extra.

Stakes—

	Per 1,000
Hyacinth, Painted, 12-in.	$2 25
Hyacinth, plain, 18-in.	3 25
Hyacinth, painted, 18-in.	3 50

Just the thing for tying up hyacinths, tulips, fuchsias, and all small pot-plants.

Rose-Stakes—No. 9 Wire.

	1,000
24-in.	$8 50
30-in.	10 50
36-in.	12 50
42-in.	14 00
48-in.	$17 00
54-in.	19 00
60-in.	22 00
66-in.	24 00
72-in.	26 00

Tinfoil. Plain, 5 inches wide. Lb. 25 cts., 100 lbs. $20.

Violet. In three designs. Lb. 45 cts., 10 lbs. $4.

Tomato Supports, Wire. 32 inches high, 14 inches in diameter, made of heavy steel wire. 30 cts. each, $3 per doz., $24 per 100.

Perfection Patent Wood. 36 inches high and 12 inches wide. Can be taken apart and stored. 35 cts. each, $3.50 per doz.

Torch, Asbestos. 50 cts. each.

Tree Pruners, Waters'—

	Each
6 ft. long	$1 75
8 ft. long	2 00
10 ft. long	$2 25
12 ft. long	2 75
Extra blades	25

Telegraph 1 50

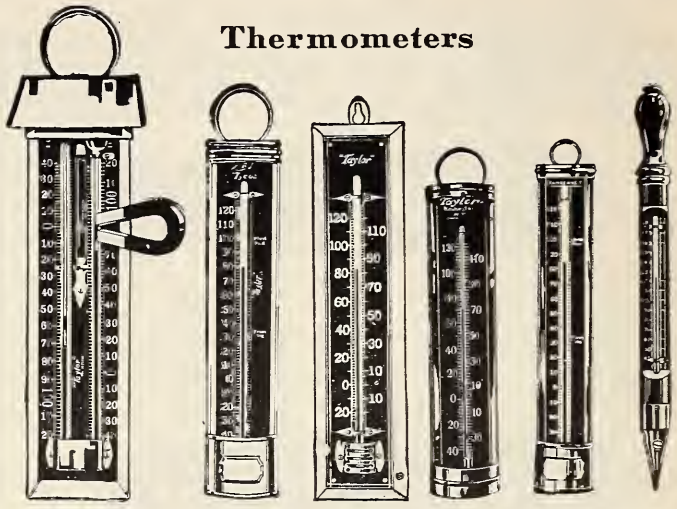
Telegraph. With handle 2 00

Trowel, Solid Steel. Hand-forged. 6-in., 70 cts.; 7 in., 80 cts.

Slim Jim. Excellent for transplanting. 5-in., 15 cts.; 7-in., 25 cts.

Steel Florists'. Cheap, light, and useful. 35 cts. each, $3.50 per doz.

Thermometers



No. 5452P, Self-Registering. (Siexe's Pattern.) Copper case, black brass scale, white figures. **Maximum and Minimum.** 8-in., $5; 10-in., $5.25. Magnet with each.

No. 5400. Black japanned heavy tin case; brass scale, white figures. (Mercury.) Scale range, 10 to 40 degrees below zero to 120 above. **Standard Grade.** 8-in., $1.20; 10-in., $1.35.

No. 5420. Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit.) 8-in., 75 cts.; 10-in., 85 cts.

No. 5154. Copper case; distance reading. Black oxidized brass scale, white figures. (Spirit.) Scale range, 120 degrees above to 40 degrees below zero. 8-in., 55 cts.; 10-in., 75 cts.

No. 5981, Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, $1.75.

No. 5120. Distant reading. Wood-back Mission finish, brass scale, white figures and graduations. (Spirit.) Easy to read at a distance. 8-in., $1; 10-in., $1.25.

Twines

S. & W. Co.'s Smilax Thread. This thread is very strong, green in color, and warranted not to fade. Best Thread on the market. Spool, 20 cts., lb. $1.25, box of 3 lbs. $3.25.

Silkaline. Very largely used for tying. Three sizes, F, FF, and FFF. Spool, 35 cts., box of 8 spools, $2.50.

Bouquet Twine. White. Lb. (6 balls) 60 cts., 5 lb. truss $2.50.

Sea Island Cotton. Green. Ball 15 cts., lb. $1.

Twine, Soft. For tying vines, etc.; very strong. 2- and 3-ply. Ball 20 cts., 3 balls 55 cts., 12 balls. $2.

Tarred Yarn. Ball (1 lb.) 35 cts., 5 balls $1.50.

Tarred Marline. Of better quality than the above; twisted in strands. Ball (1 lb.) 40 cts., 5 balls $1.75.

Wire, Bouquet, Florists' Annealed. Nos. 22, 23, and 24. In coils of 12 lbs., $2 per coil.

Florists' Bright. Cut in lengths. In boxes of 12 lbs. (one stone). 12 in. and 18 in. long. No. 22 $2.25; No. 24, $2.50.

Watering Pots

Heavy galvanized iron reinforced; made good and substantial. Each pot has a long spout with one fine and one coarse rose.

Round Pattern—

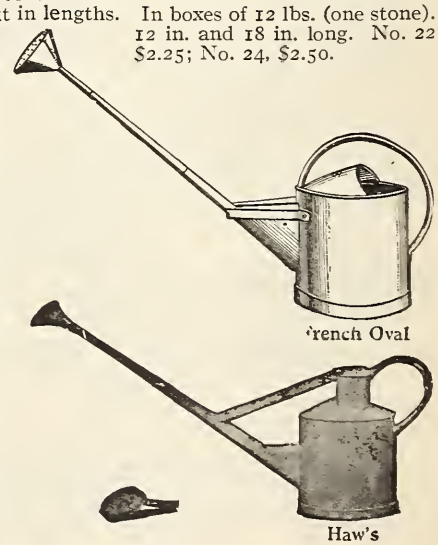
6-quart	$3 75
8-quart	4 25
10-quart	4 50
12-quart	5 00

French Oval Pattern.

6-quart	4 25
8-quart	4 75
10-quart	5 25
12-quart	6 00

Haw's Pattern.

Ladies', 2-quart.	3 50
No. 1, 3-quart.	4 50
No. 2, 4-quart.	5 50
No. 3, 6-quart.	6 50
No. 4, 8-quart.	7 50
No. 5, 10-quart.	8 50


French Oval

Haw's

Sprayers for Applying Insecticides and Fungicides

Prices subject to market change

Auto-Spray

Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it easier than any other similar article. Useful with bordeaux and all solutions, also in applying cold-water paint or whitewash. Holds four gallons. Illustration shows our new "Auto-Pop" attachment which doubles the efficiency by saving half the solution and labor. Our "Anti-Choke" Nozzle, cleaned at every operation of "Auto-Pop," can never clog. Tank made of galvanized steel or brass. High-grade hose. Heavy self-contained pump, all brass. Nipple connections, nozzle, etc., turned from solid brass rod with full threads. Castings for handle, etc., all malleable. No continuous pumping as in the case of the Knapsack Sprayer, no continuous pumping or slopping as in the case of the bucket pump. A few strokes of plunger compress enough air to cover a quarter-acre of potatoes or similar crop. The operator simply holds the nozzle. Also used for spraying disinfectants. A practical machine for potatoes, tobacco, small fruits, vineyards, poultry-houses, greenhouses, etc. Extension pipes useful for spraying tall trees. Detailed descriptive circular on request.

Auto-Spray No. 1B, Brass Tank, with "Auto-Pop" $8 50

Auto-Spray No. 1D, Galvanized Tank, with "Auto-Pop." 5 50

S. & W. Bucket Spray Pump

The S. & W. Spray Pump is a saving in the cost of small hand Sprayers. It is a quality Sprayer. This Pump is made of heavy seamless brass tubing, with a large brass air-chamber; it has brass ball valves; is double-acting and will produce a continuous spray or stream. A bordeaux nozzle, with 3 feet of ½-inch spray hose, is furnished. The nozzle can be regulated to throw a very fine, medium, or coarse spray. We recommend this Sprayer as the best cheap hand Sprayer for applying whitewash, cold-water paint and disinfectants. When ordering Sprayer to be sent by parcel post, allow for 10 lbs., the packed weight of Sprayer. $6.

Extra ½-inch hose, five-ply, of good quality, is furnished at 20 cts. per foot.

Extra couplings, 30 cts. per set.

Solid Brass Syringes

No. 10. Barrel 18 in. long, diameter 1½ inches. One coarse and one fine spray rose and one stream jet, with patent valves and elbow joint for sprinkling under the foliage $7 00

No. 11. Similar to No. 10, without patent valve 5 25

No. G. Barrel 16 in. long, diameter 1½ in.; open rose, one spray rose and jet, one side attachment, with angle joint 5 25

No. 2. Barrel 13½ in. long; one coarse and one fine spray and one stream rose. Solid brass 4 50

Bellows, Woodason's

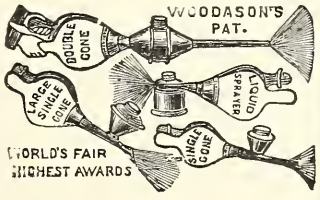
Powder, small size $2 75

Large size 4 25

Liquid, small size 3 75

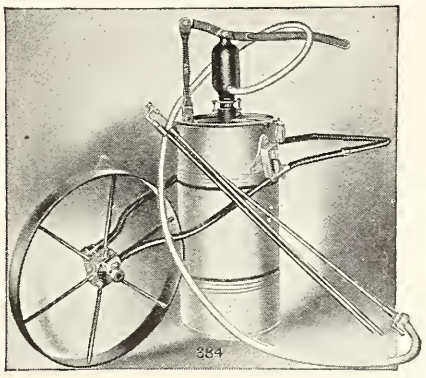
Large size 4 25

Double-Cone Powder Bellows. For dusting plants with dry powder for insects and fungi. $6.25.



Auto-Spray No. 40 Hand Lever Pump

COMPLETE OUTFIT



The demand for this portable Sprayer is rapidly increasing. The efficiency of this general-purpose Sprayer is finding favor among hundreds of gardeners, florists, and poultrymen.

Uses. For handling whitewash, cold-water paint, insecticides, fungicides, and all solutions in the garden, greenhouse, or poultry plant.

Tank.—Heavy galvanized steel.

Capacity.—12 gals.

Pump.—Plunger style. Graphite packing, adjustable from the outside by tightening two bolts. No leather cup.

Plunger.—Brass; 1½ inches in diameter; 3 to 4½-inch stroke as desired. The plunger is hollow with a valve at the bottom and this, operating in connection with the air-chamber, ensures a greater reserve capacity than usual in this size of machine.

Valves.—Brass-ball valves; suction pipe fitted with brass strainer.

Agitation.—Mechanical and effective; operated from the handle. The top casting on the tank has broad flange, which prevents the solution from slopping over.

Equipment.—8-foot-high pressure; ⅜-inch hose; 8-foot iron extension; lever shut-off; and latest Vermorel Nozzle, or Non-Clog, Jr., as specified.

Repair list, with formula for mixing whitewash and cold-water paint, with each machine.

Galvanized tank, capacity 12 gallons, with truck, 20-inch wheel. Shipping weight, with truck, crated, 75 lbs. (net 58 lbs.), $27.

Double-Acting Pump Sprayer and Knapsack Tank

THE SAME SPRAY WITH HALF THE LABOR

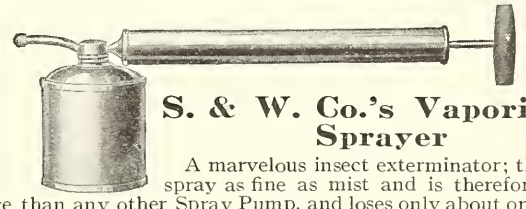
Pump.—This Pump is the ideal all-purpose sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes, and any field crops. Made entirely of brass, doing away with all danger of corrosion. This pump is double-acting, which gives a continuous spray, a distinct advantage over single-acting Pumps in that *the pump works on both the up and the down stroke.* The Pump cylinder is small in diameter, and in a test a pressure of 180 pounds to the square inch was raised with very little labor.

Knapsack Tank.—Where a portable tank for field or garden work is needed, we recommend our patrons, purchasing the Knapsack Tank as well as the Pump.

OUTFITS AND EQUIPMENT

Double-acting pump, with 2½ feet of ½-inch suction hose, nozzle, and strainer complete $5 00

Knapsack, galvanized-iron tank, for field or garden work 3 00



S. & W. Co.'s Vaporizing Sprayer

A marvelous insect exterminator; throws a spray as fine as mist and is therefore more effective than any other Spray Pump, and loses only about one-tenth the liquid. No. 1, all tin, 80 cts., $7.50 per doz.; all brass, $1.25, $12 per doz. Shipping weight, 3 lbs.

BARCLAY PLANT TUBS

The Most Moderate-Priced Tubs for the Florist

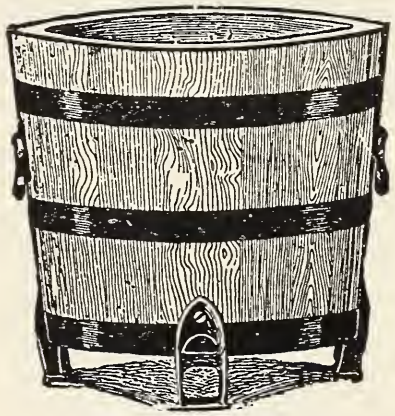
Many plants, large and small, are more attractive, more easily handled and bring better prices when planted in tubs instead of pots. Our Barclay Tubs have been made to compete in price with the very lowest-priced tubs on the market.

The tubs have strong, welded hoops, except the bottom hoop, which is flat; and are very durable. Unlike pots, they do not break, and plants do not require special packing when shipped.

The tubs are made of choice, well-seasoned white cedar, painted green inside and outside, and finished with a round bevel.

No.	Inside top Diameter	Inside Depth	Each	Doz.
2	7 in.	7 in.	$0 65	$7 00
3	8 in.	8 in.	70	8 00
4	9 in.	9 in.	75	8 50
5	10 in.	9 in.	85	9 60
6	11 in.	10 in.	1 15	12 00
7	12 in.	11 in.	1 40	14 50
8	13 in.	12 in.	1 80	19 00
9	14 in.	13 in.	2 00	21 60
10	15 in.	14 in.	2 25	25 00

None of these tubs are equipped with handles at the above prices. If stamped steel handles are wanted, add 7 cents to the price of each tub in single or dozen lots; 6 cents each in 100 lots. These handles are not sold attached to the tub.



NEW YORK CEDAR TUB

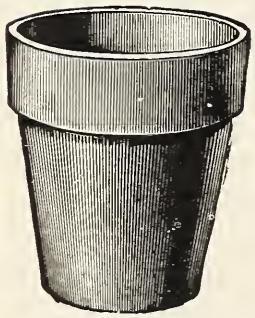
SPECIAL OFFER. If any grower would like a sample line of these tubs, we will ship, freight paid, to any station east of the Mississippi River, a complete set of 9 tubs for $11. If the tubs are not satisfactory, they can be returned and your money will be refunded.

NEW YORK CEDAR TUBS

These tubs are made of the very choicest, seasoned cedar, highly finished, with black hoops, handles, and legs, and will last twice as long as cypress tubs. They are very strong and durable.

Inside measurements:	Each
No. 1, 12 inches in diameter, 10½ inches high	$2 25
No. 2, 13 inches in diameter, 13 inches high	3 00
No. 3, 14½ inches in diameter, 15 inches high	3 75
No. 3½, 16½ inches in diameter, 15¾ inches high	5 00
No. 4, 19½ inches in diameter, 17 inches high	5 50
No. 5, 22½ inches in diameter, 18½ inches high	7 00

EARTHEN FLOWER POTS, ETC.



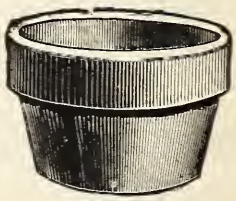
FLOWER POT

Flower Pots

Height and Width inside	Doz.	100	1,000
2 in.		$1 50	$11 25
2¼ in.		1 75	12 75
2½ in.		2 00	15 00
3 in.		2 50	19 50
4 in.		3 75	30 00
5 in.		7 75	54 00
6 in.		11 00	81 00
7 in.		17 00	135 00
8 in.		25 00	195 00
9 in.	$4 25	30 00	
10 in.	5 50	40 50	
11 in.	8 00	60 00	
12 in.	11 00	82 50	

Bulb Pans

	100	1,000
6-in.	$8 10	$78 00
7-in.	13 50	130 00
8-in.	19 50	186 00
9-in.	30 00	285 00
10-in.	40 50	380 00
12-in.	82 50	780 00



BULB PAN

Flower-Pot Saucers

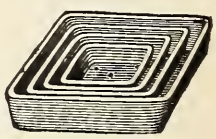
	100	1,000
3-in.	$2 25	$18 00
4-in.	3 00	22 50
5-in.	4 00	30 00
6-in.	6 00	46 00
7-in.	8 00	60 00
8-in.	$11 00	$82 50
9-in.	13 00	112 50
10-in.	17 00	135 00
11-in.	22 50	165 00

Azalea Pots

	100	1,000
5-in.	$5 40	$52 00
6-in.	8 10	78 00
7-in.	13 50	130 00
8-in.	19 50	186 00
9-in.	30 00	285 00
10-in.	40 50	380 00
12-in.	82 50	780 00

Square Seed Pans

	Doz.	100
6-in.	$9 00	$72 00
8-in.	12 00	90 00
10-in.	15 50	115 00
12-in.	18 00	135 00



SQUARE SEED PANS

REMEDIES FOR INSECTS AND FUNGI

Aphine. For destroying aphis, green-fly, thrip, red-spider, and other indoor and outside insects. It dilutes readily in water about one part to forty of the latter. ¼pt. 25c., ½pt. 40c., pt. 65c., qt. $1, gal. $3.

Arsenate of Lead. For all leaf-eating insects. Guaranteed not to injure the foliage. Three pounds will do the work of four pounds of other brands, and will not readily wash off. Guaranteed to contain an average of 15 per cent arsenic. Lb. 40 cts., 5 lbs. $1.75, 10 lbs. $2.80, 25 lbs. $5.75, 50 lbs. $9.50, 100 lbs. $17.

Arsenate of Lead, Powdered. Better than paris green. Does not burn foliage. Has all advantages of arsenate of lead paste, but goes twice as far, and is easier to handle. Dilute one pound to fifty gallons of water. ½lb. 35 cts., lb. 65 cts., 5 lbs. $3, 10 lbs. $5, 25 lbs. $12, 50 lbs. $22, 100 lbs. $41.

Black-Leaf 40. A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. 1-oz. bottle 35 cts., ½-lb. tin $1.25, 2 lbs. $3.75, 10 lbs. $15.50.

Quick Bordeaux Material. Makes best bordeaux mixture for apples, grapes, and vegetables of all kinds. Is different from other prepared fungicides on account of the physical condition of the materials, which permits their going into solution quickly, at the same time giving a perfect bordeaux mixture, fresh and strong. A pound package makes five gallons of perfect bordeaux mixture. Lb. 30 cts., 5 lbs. $1, 10 lbs. $1.75.

Bordo-Lead, Paste. Insecticide and fungicide—two sprays in one. Arsenate of lead combined with a special bordeaux mixture by a new process, producing in one spraying operation the killing of insects and preventing of blight, mildew, rust, etc. Splendid for potatoes and most vegetables, apples, pears, and roses. Sticks like paint and remains on foliage. Best crop insurance. Lb. 40 cts., 5 lbs. $1.75, 10 lbs. $2.50, 25 lbs. $5.50, 50 lbs. $10.50, 100 lbs. $20.

Bug Death. Largely used instead of paris green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Lb. 25 cts., $2.40 per doz.; 3 lbs. 50c., $4.80 per doz.; 5 lbs. 75c., $7 per doz.; 12½ lbs. $1.25, 100 lbs. $9.

Fungine. An infallible remedy for mildew, rust, wilt, bench-rot, and other blights affecting flowers, fruits, and vegetables. ½pt. 40 cts., pt. 65 cts., qt. $1, gal. $3.

Grape Dust. For mold, mildew, or rust-mites, either in the greenhouses or open air. 5 lbs. 80 cts., 10 lbs. $1.50, 25 lbs. $3.50, bbl. of 200 lbs. $24.

Hellebore, Powdered. Good for exterminating currant worms. ½lb. 30 cts., $3 per doz.; lb. 60 cts., $6 per doz.; 5 lbs. $2.50.

Herbicide. See Weed-Killers.

Kerosene Emulsion. Diluted in water, this makes an excellent spray for mild forms of scale and soft lice of any kind, such as infest rose and fruit bushes, vegetables, and trees. Liquid diluted one part to thirty parts of water. Liquid. Qt. 60 cts., $6 per doz.; gal. $1.35, $14 per doz.; 5 gals. $5.50.

Lemon Oil. Odorless and poisonless; one to thirty to fifty parts of water. Destroys mealy-bug, scale, thrips, red-spider, black- and green-fly, caterpillar, etc. ½pt. 40c., pt. 60c., qt. $1, ½gal. $1.75, gal. $3.

Lime-Sulphur, Bowker's Concentrated. One gallon makes ten gallons of spray; dilute with cold water. Qt. can, 50 cts., $4.50 per doz.: 1-gal. can 90 cts, $9 per doz.; 5-gal. can. $3. In barrels, (50 gals.) $13.50.

MAG-O-TITE. Protects your crops against the ravages of the root maggot, earth-worm and other pests, and enables you to grow successfully radishes, cabbage, kale, onions, turnips, cauliflower, etc.

How "Mag-O-Tite" is Applied. The ease with which it is applied is just one more attractive point about Mag-O-Tite. It is simply sprinkled in and over the drills when seeding and around the roots when planting, and after the plants are through the ground, it is sprinkled around and alongside of them. For the eradication of earth-worms of all kinds, sprinkle freely on the ground and then sprinkle lightly with water. It is not injurious to plant life in any way, but on the contrary is a valuable stimulant and fertilizer.

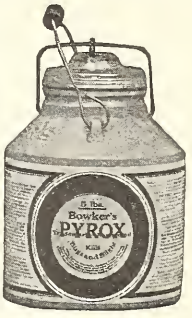
Approximate Quantity Required. A 2-pound package will cover about 300 feet of drill, mixed with the soil at planting-time, with an occasional top dusting as a preventive during the growing period. For field-culture the approximate quantity required is from 300 to 500 pounds per acre. 2 lbs. 35 cts., 4 lbs. 60 cts., 8 lbs. $1, 25 lbs. $2.50, 100 lbs. $8.50.

Nico-Fume Liquid. This preparation is used similar to Nicoticide, and is used by many of the leading growers. ¼-lb. can 75 cts., 1-lb. can $2.35, 4-lb. can (½gal.) $8.50, 8-lb. can (1 gal.) $16.50.

Nico-Fume Paper. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. It is also used for tying near blooms of chrysanthemums in early fall to keep down insects. Preferred by many who do not wish to spray or vaporize. Box of 24 sheets $1.35, box of 144 sheets $6, box of 288 sheets $11.

Paris Green. ¼lb. 20 cts., $2 per doz.; ½lb. 35 cts., $3.50 per doz.; lb. 65 cts., $6.50 per doz.; 5 lbs. $3, 14 lbs. $7.

Pyrox. (Bowker's.) The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles, without injury, on fruit trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. Once tried, always used. Lb. 40 cts. $4, per doz.; $7.50 for 2 doz.; 5 lbs. $1.50, $15 per doz., 10 lbs. $2.25, 25 lbs., $5.75, 50 lbs $10.50, 100 lbs. $20.



Readeana. Rose-bug exterminator. A poisonous preparation which dilutes in water. Used for destroying rose bugs, green-fly, mealy-bug, blight, mildew, etc. 24 oz. bottle $1, ½gal. can $2.25, gal. $4.

Scalecide. Soluble crude oil. Used for the destruction of the San José scale. Dilute at the rate of one gallon to twenty gallons of water. Scalecide does not clog nozzles, hose, or pump, and is pleasant to use. This preparation is perhaps the best known and is very widely advertised. Orchardists throughout the country use it in large quantities. Trees may be sprayed in winter and early spring before they start to come to bud. Qt. 60 cts., gal. $1.45, 5 gals. $6.45, 10 gals. $11, 30-gal. bbl. $27, 50-gal. bbl. $39.50.

Scotch Soot. Fertilizers. See page 52.

Slug-Shot. The standard remedy for currant-worms, rose-slugs, cabbage-worms, and almost any soft-shelled insects that infest the vegetable- or flower-garden. Lb. 25 cts., 12 1-lb. cans $2.40, 48-lb. can $9, 5 lbs. 60 cts., $6.50 per doz.; 10 lbs. $1.10, $12 per doz.; 125 lb. kegs $12.50.

Sulphur. Used principally in greenhouses for checking mildew. 10 lbs. $1, 25 lbs. $2.25, 100 lbs. $7.50.

Sulpho-Tobacco Soap. For destroying all insects on plants and animals. Packed in 3-oz. packages, doz. $1, 100 $7; packed in 8-oz. packages, doz. $1.75, 100 $14; 10 lbs. $2.50.

Tobacco Dust (Kilmdead). The best of the Tobacco Dusts for dusting or fumigating. Costs no more than the ordinary product, and will do twice the work. 10 lbs. 60 cts., 50 lbs. $2.75, 100 lbs. $5, 500 lbs. $22.50.

Tobacco Stems. Used for fumigating and under benches in greenhouses. Bale of 100 lbs. $3.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 50 cts., 5-lb. can $2.25, 10-lb. can $4.25, 20 lbs. $8, 25 lbs. $9.75.

Vermine. A soil sterilizer and germicide for all soil vermin, such as cut-, eel-, wire-, and grub-worms, slugs, root-lice, maggots, and ants. Use one part of Vermine to four hundred parts of water, thoroughly soaking the ground. It does its work effectively, without injury to vegetation, and protects your crops and lawns against the ravages under the soil. Gal. $3.

WEED - KILLERS, Herbicide. A preparation for killing weeds of every kind on roadways, paths, gutters, tennis-courts, etc. One application kills weeds and roots as well. Qt. 60 cts., $6.60 per doz., ½gal. $1, $10.80 per doz.; gal. $1.75, $18.60 per doz., 5-gal. keg $7.50, 10-gal. keg $13.50, 30-gal. cask $30, 50-gal. bbl. $45.

Whale-Oil Soap. Lb. 25 cts., 5 lbs. $1, 25 lbs. $4.50, doz. 1-lb. packages $2.40, 100 1-lb. packages $18.

X-L-All Liquid Insecticide. Destroys mealy-bug, scale, thrip, red-spider, green- and black-fly, caterpillars, blight, and all insect pests in the garden; it is perfectly safe to use on tender plants. For the winter dressing of vines, figs, peaches, and other fruit trees, it has been proved to be the safest and most valuable preparation in the market. It requires no washing off the plants, as it will be found to leave the foliage bright and clean and much improved in appearance. Qt. $2, ½gal. $3.50, gal. $6.50.

X-L-All Vaporizing Compound. Bottle containing sufficient to fumigate 10,000 cubic feet, $2.50; for 20,000 cubic feet, $5.

FERTILIZERS

Our list contains the very best and most modern kinds. We can quote special prices on carload quantities.

All prices subject to market changes

S. & W. Co.'s Bone Fertilizers

No. 1 Bone Dust for Quick Action. A fine-ground bone of the best quality that is immediately available. As a top-dressing or for mixing with soil, will be found very effective. 5 lbs. 45 cts., 10 lbs. 85 cts., 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5, ton $70.

No. 2 Bone Dust for General Use. A bone dust about pinhead size, with a fair percentage of bone flour. Excellent for top-dressing lawns as well as good for mixing with soil. Sold largely to carnation- and rose-growers for top-dressing and for mixing with soil. 5 lbs. 40 cts., 10 lbs. 75 cts., 25 lbs. $1.25, 50 lbs. $2.25, 100 lbs. $4, ton $50.

S. & W. Co.'s Charcoal. For mixing with soil for pot plants, and vines. No. 1, Powdered; No. 2, Medium; No. 3, Lumps, 3 to 4 inches. Any size, per bag of 50 lbs. $2.50, 100 lbs. $4.50, 1,000 lbs. $37, 2,000 lbs. $72.

S. & W. Co.'s Potato Manure. This brand is our leader, and is manufactured from a bone-and-meat basis; it is high in analysis and a strictly high-grade fertilizer. It is a brand that has given universal satisfaction for all root-crops, and it is unequaled for potatoes, gardening, or truck-farming. 50 lbs. $2.50, 100 lbs. $4.50, 500 lbs. $18, 1,000 lbs. $34, ton $65.

S. & W. Co.'s General Garden Fertilizer. This Fertilizer is for general garden work for vegetables, flowers and fruits. 10 lbs. sufficient for space 15 x 15; 500 lbs. to the acre. 5 lbs. 40 cts., 10 lbs. 75 cts., 25 lbs. $1.50, 50 lbs. $2.50, 100 lbs. $4, ton $60.

S. & W. Co.'s Corn Fertilizer. This is a brand which many farmers prefer to use who have sufficient quantities of stable manure for broadcast application, using this brand in the hill or drill. We have many testimonials as to its quality for growing splendid crops of corn. 50 lbs. $2, 100 lbs. $3.50, 500 lbs. $15, 1,000 lbs. $29, ton $55.

GENERAL LIST OF FERTILIZERS

ASHES, CANADA HARDWOOD. Acts as a stimulant and supplies natural plant-food, enriching the soil. Apply in fall or early spring so that the rain may carry the fertilizing elements down to the roots of the grasses, causing them to make a rapid growth. Quantity required: Apply one to two tons to the acre, as one heavy application will help much more than the same quantity would applied in fractions. Barrel of about 200 lbs. $4, ton of 2,000 lbs. (in bbls.) $35; by car, $28 per ton.

BLOOD. (Dried.) Excellent for indoor culture of flowering plants, such as carnations, roses, etc. Its chief element is nitrogen. 50 lbs. $2.75, 100 lbs. $5, 500 lbs. $23.75, ton $90.

BON ARBOR. A concentrated chemical fertilizer to be used in liquid or powder form according to the directions on the package. Dilute one pound with thirty gallons of water. ½lb. pkg. 50 cts., 1-lb. pkg. 75 cts., 5 lbs. $2.50, 50 lbs. $18. Furnished in lots of 100 lbs. or over at $33 per 100 lbs.

COW or CATTLE MANURE, Shredded. One sack of this is equal to one cartload of fresh cow manure; is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. 100 lbs. $4, 500 lbs. $15, 1,000 lbs. $28, ton $55.

EMERALD LAWN DRESSING. A clean, portable, and convenient lawn dressing, which we have found to be never-failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall. It is in every way more desirable than manure. The use of Emerald Lawn Dressing entirely does away with the old practice of top-dressing lawns with stable manure. Quantity required: A ten-pound package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 pounds to the acre, or a smaller quantity for renovating an old one. It is best to apply during dull weather and if applied during warm weather soak down with a hose after applying. 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. $1.50, 50 lbs. $2.50, 100 lbs. $4.50, 500 lbs. $17, 2,000 lbs. (ton) $60.

BACTRELO. A nitrogen-gathering bacteria which should be used when planting seeds of all leguminous crops such as peas, beans, and clovers. Garden-size bottle 50 cts., acre-size bottle $1. 3-acre-size bottle $2.50, 12-acre-size bottle $9. State what seed legume you wish to inoculate when ordering. Pamphlet telling all about inoculation free on request.

LIME, Agricultural, Hydrated. This Lime is specially prepared for use on the soil, and is a combination of calcium-hydrate and calcium-carbonate, finely pulverized. Quantity required: Heavy soils, 2,000 to 6,000 pounds to the acre; light, sandy soils, 1,000 to 3,000 pounds to the acre, according to their apparent need. 100-lb. bag $2, 500 lbs. $8.75, ton $30. In lots of three tons or over, $24 per ton; carload lots, $20 per ton, f.o.b. New York.

LIMESTONE, PULVERIZED. This product is having a large sale among the most intelligent agriculturists, with the best results. It is made from the purest crystalline, white limestone obtainable, and has many advantages over burnt or caustic lime. Not being caustic, it does not burn the humus in the soil, and may be applied at any time of the year without danger. It is good for all crops, is especially recommended for the successful growing of alfalfa, and, owing to its extreme fineness, admits of very even distribution. Apply 2 tons to the acre. Put up in 100-lb. bags, $2, 500 lbs. $7, 1,000 lbs. $14, ton $25. In carload lots, in bags, f.o.b. works, $10 per ton.

NITRATE OF SODA. Quantity required: Being extremely soluble, it is usually applied after the plants are above ground, 100 to 500 lbs. to the acre. 1-lb. tin 25 cts., 5-lb. pkg. 60 cts., 10-lb. pkg. $1, 25-lb. bag $1.50, 50-lb. bag $2.25, 100 lbs. $4.

OYAMA PLANT FOOD. Makes plants thrive. By using Oyama on house plants it will keep them in bloom all winter and as green and luxuriant as if grown outdoors in the summer. It will make your flower- and vegetable-garden wonderfully productive. It makes no difference how healthy or delicate your plants may be, Oyama will bring out new flowers and foliage and cause a marvelous transformation. Contains no bone, fish scraps, or manure. Small size 35 cts. each, $2.25 per doz.; large size $1.25 each, $10.80 per doz.

PHOSPHATE, High-Grade Acid or **Rock.** Apply 1,000 lbs. to the acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 100-lb. sacks only, $2; ton $25.

SALT. For agricultural purposes, asparagus beds, and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. to the acre in early spring 10 lbs. 45 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2, 200 lbs. $3.75, ton $27.

SCOTCH SOOT. Genuine imported. For stimulating a healthy growth of dark green foliage, and it will free the soil of slugs, grubs, and cut-worms. 10 lbs. 90 cts., 50 lbs. $3, 100 lbs. $5.50.

SHEEP MANURE, PURE PULVERIZED. A pure, natural, nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable-garden it promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Quantity required: For garden and field crops, one to two tons to the acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use one ton to the acre, applied in fall or early spring. 100-lb. bag $4, 500 lbs. $15, ton $55. In packages of 5 lbs. 40 cts., 10 lbs. 70 cts.

SPENT MUSHROOM SOIL. Partly decayed horse-manure. A plant-food low in price and high both in fertilizing value and humic content. There is no better material for making a compost heap, for top-dressing putting-greens, and fine lawns. Prices on carload lots delivered to your shipping point quoted on request.

THOMPSON'S CHRYSANTHEMUM MANURE. A highly concentrated English chemical fertilizer used by the leading private gardeners in America and abroad. May be used in liquid or dry form. 7-lb. bag, $1.50, 14-lb. bag $2.75, 28-lb. bag $4.75, 56-lb. bag $9.

THOMPSON'S SPECIAL FLOWER, VEGETABLE and VINE MANURE. This excellent chemical fertilizer is used extensively for forcing flowers, fruits, and vegetables. 28-lb. bag $2.50, 56-lb. bag $4.75, 112-lb. bag $9.

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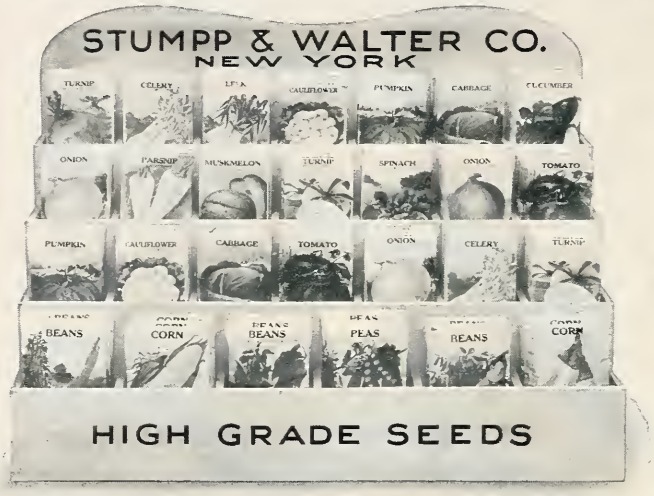
J. Horace McFarland Company, Mt. Pleasant Press, Harrisburg, Pa.

A Few Needs of the Florist with a Retail Store



S. & W. CO.'S SPECIAL DISPLAY CABINET FOR FLOWER AND VEGETABLE SEEDS

SPECIAL OFFERS

The following Vegetable, Flower, and Lawn Seed, Insecticides and Fertilizers are put in attractive sizes for merchandising on your store counter. Please note that we are making a Special Offer of Vegetable and Flower Seeds at about cost, as it is our desire to distribute them through reliable stores as an advertisement which will bring other business to our establishment.

Illustrated packets of vegetable and flower seeds to sell over your counter at 10 cts.

SPECIAL DISPLAY CABINET to hold 35 varieties of Flower and Vegetable Seeds, 350 packets, $3.50 (returnable at the end of season).

SPECIAL OFFER AND RETURN PRIVILEGE

Cost 60 cts. per doz., $4 per 100.

We agree to accept all illustrated packets of Flower and Vegetable Seed left unsold at the end of the season and refund at the rate of $2 per 100; on ounces of Nasturtium and Sweet Peas, $5 per 100.

List of Vegetable Seeds

Put up in illustrated packets obtainable at the above prices

RETAIL AT 10 CTS. EACH

Beans (Bush, Green-pod)
Beans (Bush, Wax-pod)
Beans (Pole Lima)
Beans (Bush Lima)
Beet
Cabbage (Early)
Cabbage (Late)
Cabbage (Savoy)
Cabbage (Red)
Carrot
Celery
Corn (Early)
Corn (Late)
Corn Salad
Cucumber
Cucumber (Pickling)
Eggplant
Endive
Kale
Kohlrabi
Leek
Lettuce (Curled)
Lettuce (Head)
Lettuce (Romaine)
Muskmelon
Melon (Water)
Okra
Onion (Red)
Onion (White)
Onion (Yellow)
Onion (Pickling)
Parsley
Parsnip
Pepper
Peas (Dwarf)
Peas (Tall)
Pumpkin
Radish (Scarlet Round White-tipped)
Radish (Long White)
Radish (Winter)
Rutabaga
Salsify
Squash
Spinach
Summer Savory
Sweet Marjoram
Swiss Chard
Tomato (Early)
Tomato (Late)
Turnips

List of Flower Seeds

Put up in illustrated packets obtainable at the above prices

RETAIL AT 10 CTS. EACH

Alyssum
Antirrhinum
Aster
Baby's Breath (Gypsophila)
Balsam
Bachelor's Button (Centaurea)
Calendula
California Poppy
Calliopsis
Canary-Bird Vine
Candytuft
Carnation
Castor-oil Beans
Celosia
Chrysanthemum
Cobæa
Cosmos
Cypress Vine
Forget-me-not
Four o'Clock
Gaillardia
Gomphrena
Gourds
Helichrysum
Hyacinth Beans
Larkspur
Lobelia
Marigold
Mignonette
Moonflower
Morning-glory
Nasturtium, Tall
Nasturtium, Dwarf
Pansy
Petunia
Phlox
Pinks
Portulaca
Poppy
Salvia
Scabiosa
Stocks
Sunflower
Sweet Peas
Verbena
Wild Cucumber Vine
Zinnia

	Cost	Sell at
NASTURTIUM, Tall, Mixed. Ounces	$0 10	$0 20
NASTURTIUM, Dwarf, Mixed. Ounces	10	20
SWEET PEAS, Mixed. Ounces	10	20

High-Grade CENTRAL PARK Lawn Seed

Many of the leading department stores throughout the country are beginning to realize that it is necessary to merchandise a better quality of Lawn Seed than in the past. Frequently as much as 50 cents per pound is charged, which is not exorbitant where the quality is very high. We are offering a high-quality Lawn Seed which runs 22 pounds to the bushel.

PUT UP IN ATTRACTIVE CARTONS TO SELL OVER YOUR COUNTER

	Per doz.	Per case (36)	Retail price, each
Pints	$1 45	$4 00	$0 25
Quarts	2 75	7 75	40

WHITE CLOVER (For Lawns)

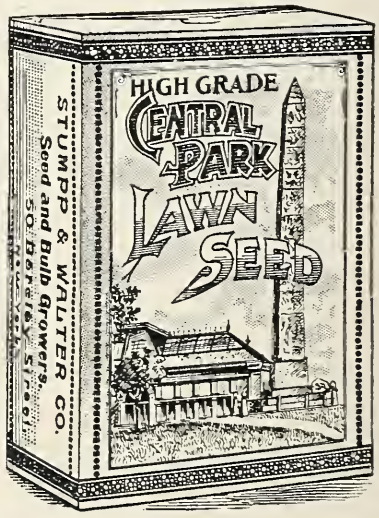
	Doz.	100
Packets. Retailing at 10 cts.	$0 75	$6 00
¼ Pounds. Retailing at 20 cts.	1 75	12 50

PLANT FOOD

	Cost doz.	Selling price each
Oyama Plant Food. (Small size)	$2 25	$0 35
Oyama Plant Food. (Large size)	10 80	1 25

FERTILIZERS AND INSECT DESTROYERS

	Cost doz.	Cost 100	Selling price each
S. & W. Co.'s Sheep Manure. 2-lb. boxes	$2 00	$15 00	$0 25
S. & W. Co.'s Sheep Manure. 5-lb. boxes	4 25	30 00	50
S. & W. Co.'s Bone Meal. 5-lb. containers	4 25	30 00	50
S. & W. Co.'s Lemon Oil (Insecticide). ½-pt. cans	3 00	22 00	40
S. & W. Co.'s Sulpho-Tobacco Soap. 3-oz. cakes	1 00	7 00	15
S. & W. Co.'s Sulpho-Tobacco Soap. 8-oz. cakes	1 75	14 00	25
S. & W. Co.'s Aphine (Insecticide). ¼-pt. cans	3 00	22 50	30
S. & W. Co.'s Whale-Oil Soap. 1 lb. pkgs.	2 40	18 00	25



STUMPP & WALTER CO., 30-32 Barclay Street - NEW YORK